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CH2M HILL Mound, Inc.
1075 Mound Road
P.O. Box 750
Miamisburg, OH 45343-0750

CH2MHILL

SMO-091/06
February 6, 2006

Mr. Don Pfister, Director
Miamisburg Closure Project
U. S. Department of Energy
175 Tri-County Parkway
Springdale, OH 45246

ATTENTION: Paul Lucas

SUBJECT: **Contract No. DE-AC24-03OH20152:** Deliverable #39 Potential release site and removal action documentation; Section C.2.3.1.3 Remaining Response Actions; PRS 67 & 363 OSC Report, Final

Dear Mr. Pfister:

Attached is the following Final document for your records:

- PRS 67 & 363 OSC Report, Final

If you or members of your staff have any questions regarding the document, or if additional support is needed, please contact Dave Rakel at 937-865-4203.

Sincerely,

Michael D. Ebben
Site Manager

JL/jg

Enclosures

cc: T. Fischer, USEPA, (1) w/attachments
B. Nickel, OEPA, (1) w/attachments
R. Vandegrift, ODH, (1) w/attachments
J. Webb, ODH, (1) w/attachments
M. Wojciechowski, Tetra Tech, (1) w/attach
G. Gorsuch, DOE/MCP, (1) w/attachments
R. Tormey, DOE/OH, (1) w/attachments
G. Desai, DOE/HQ, (1) w/attachments
C. Kline, CH2M Hill, (1) w/attachments
F. Bullock, MMCIC (2) w/attachments
Public Reading Room (1) w/attachments
Admin Records, CH2M Hill, (2) w/attachs
ER Records, CH2M Hill, (1) w/attachs
DCC (1) w/attachments
M. Ebben, CH2M Hill, w/o attachments
K. Armstrong, CH2M Hill, w/o attachments
D. Rakel, CH2M Hill, w/o attachments
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J. Fontaine, CH2M Hill, w/o attachments
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S. Barr, CH2M Hill, w/o attachments
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file, CH2M Hill, w/o attachments

PRSs 67 & 363
REMOVAL ACTION

OSC REPORT

January 2006

Final

Department of Energy
Miamisburg Closure Project

CH2MHILL

PRSs 67 & 363
REMOVAL ACTION

OSC REPORT

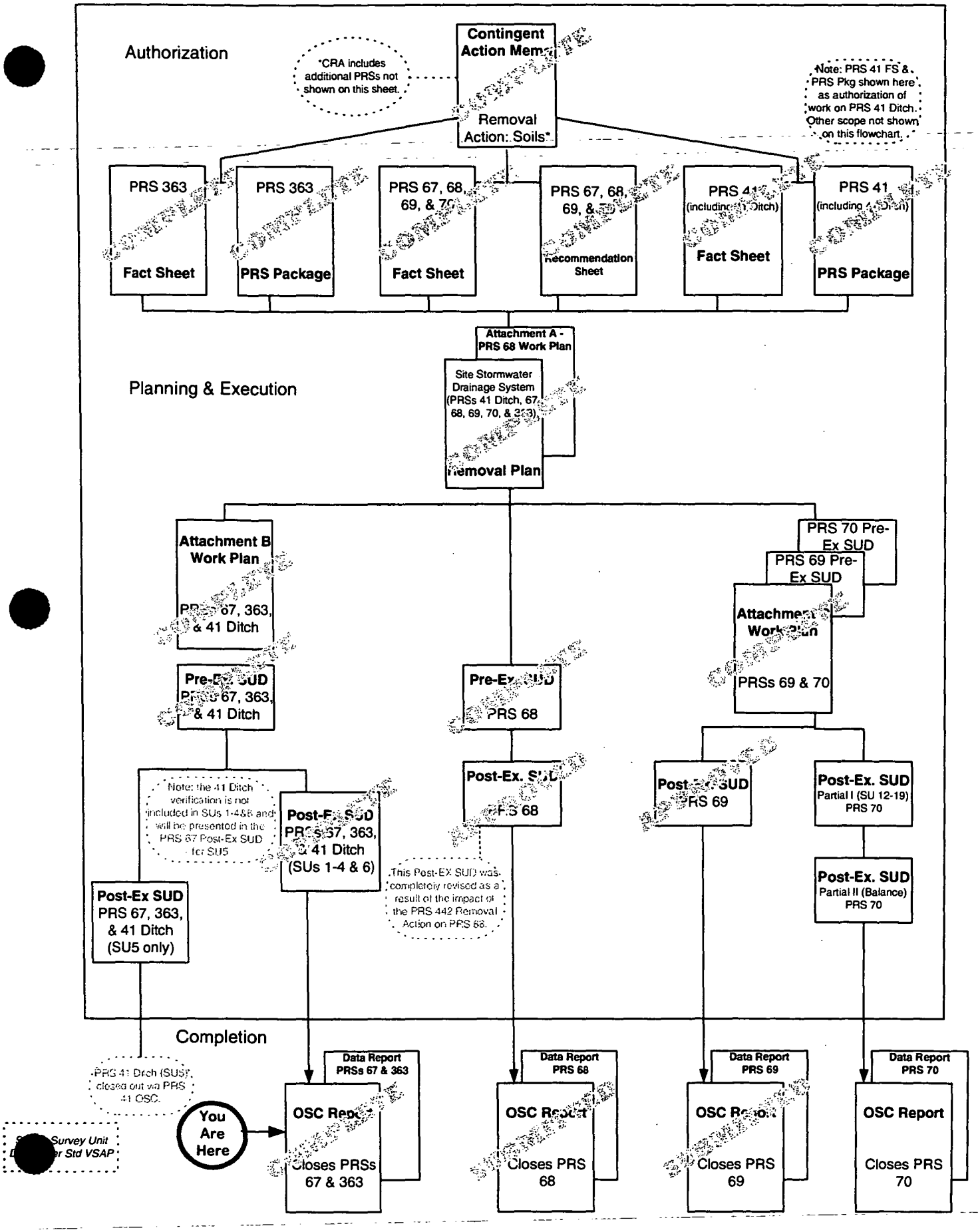
January 2006

Final

Department of Energy
Miamisburg Closure Project

CH2MHILL

PRSs 67, 68, 69, 70, 363, & 41 Ditch



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Acronyms

CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CO	cleanup objective
COC	contaminant of concern
cy	cubic yards
DOE	Department of Energy
EE/CA	Engineering Evaluation/Cost Analysis
HS	hot spot
MCP	Miamisburg Closure Project
OEPA	Ohio Environmental Protection Agency
OSC	On-Scene Coordinator
pCi/g	picoCuries per gram
PRP	Potentially Responsible Parties
PRS	Potential Release Site
RA	Removal Action
RBGV	Risk-Based Guideline Value
UCL	upper confidence limit
USEPA	United States Environmental Protection Agency
VSAP	Verification Sampling and Analysis Plan
yd^3	cubic yards

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RECOMMENDATION: PRSs 67 & 363

The PRS 67 and PRS 363 Removal Actions were authorized via the Contingent **Action Memo**, (Action Memorandum EE/CA, Contingent Removal Action for Contaminated Soil, Final, June 2002) and Public **Fact Sheet** for PRSs 67-70: Site Stormwater Drainage System, Final, March 2005 and Public **Fact Sheet** for PRS 363: Plutonium-238 Contaminated Area, Public Review Draft, October 2004. PRSs 68-70 are not included in this OSC Report. The RAs were based on historical processes, and radiological surveys and soil sample results which showed elevated levels of Pu-238.

Contaminated soil was excavated per the Contingent Action Memo and Site Stormwater Drainage System (Including PRS Group 12, PRS 41 Ditch, PRS 363, PRS Group 14, PRSs 67N, 68, and PRS Group 18, PRSs 67S, 69, 70) Removal Plan, Final, September 2004. Only PRSs 67 (67N and 67S) and 363 are included in this OSC Report; all others are not included. Verification sampling and analysis was performed in accordance with the Standard Soils Verification Sampling & Analysis Plan (**VSAP**), Final, August 2004 to demonstrate that the remaining soil meets the cleanup criteria.

This removal action was successfully completed and resulted in the excavation and disposal of approximately 1,633 cubic yards (cy) of radioactively contaminated soil (for disposal at Envirocare).

The cleanup criteria established in the Standard VSAP are satisfied if **all** verification sample results are below CO or all sample results are below hot spot (HS) criteria <u>and</u> the 95% UCL (upper confidence limit) for the area of interest is less than the CO and the data set passes the Sign test.

The contaminant of concern (COC) was Pu-238; however isolated instances of Pb-210 and Ra-226 remain above cleanup objectives (COs). All results are below Hot Spot criteria. All results are below COs except four results for Pu-238 of 91, 82.3, 67.6, and 157 pCi/g (CO of 55 pCi/g); two results of Pb-210 of 7.52 and 11.6 pCi/g (CO of 7.4 pCi/g); and three results of Ra-226 of 3, 3.9, and 3.91 pCi/g (CO of 2.9 pCi/g). **All results, including those above CO, met the cleanup criteria** described above.

After a thorough review of the PRSs 67 & 363 OSC Report, the Core Team agrees that the PRSs 67 (67N and 67S) & 363 Removal Actions are complete, and that all previously existing environmental issues associated with the PRSs 67 & 363 Removal Actions have been resolved.

Paul Lucas 1/18/06

Paul Lucas, OSC
U.S. Department of Energy
Springdale, Ohio

Timot J. Fischer 1/19/06

Timothy J. Fischer, Remedial Project Manager
USEPA
Chicago, Illinois

B. Nickel 1/18/06

Brian Nickel, Project Manager
OEPA
Dayton, Ohio

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1.0 SUMMARY OF EVENTS

This section describes the site background and events leading up to the removal action (RA), parties involved in responding to the RA, cleanup objective (CO) determination, chronological narrative of the RA, and resources committed to complete the projects.

1.1 Site Conditions and Background

The levels of radiological contamination present at PRSs 67 and 363 warranted a RA under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act).

The Potential Release Site (PRS) 67 and PRS 363 Removal Actions were authorized via the Contingent **Action Memo**, (Action Memorandum EE/CA, Contingent Removal Action for Contaminated Soil, Final, June 2002) and Public **Fact Sheet** for PRSs 67-70: Site Stormwater Drainage System, Final, March 2005 and Public **Fact Sheet** for PRS 363: Plutonium-238 Contaminated Area, Public Review Draft, October 2004. PRSs 68-70 are not included in this OSC (On-Scene Coordinator) Report.

This OSC Report documents removal of contaminated soil from PRSs 67 and 363. PRSs 67 and 363 are shown on Figure 1 (A10/274). Contaminated soil was excavated per the Contingent Action Memo and Site Stormwater Drainage System (Including PRS Group 12, PRS 41 Ditch, PRS 363, PRS Group 14, PRSs 67N, 68, and PRS Group 18, PRSs 67S, 69, 70) Removal Plan, Final, September 2004. Verification sampling and analysis was performed in accordance with the Standard Soils Verification Sampling & Analysis Plan (**VSAP**), Final, August 2004 to demonstrate that the remaining soil meets the cleanup criteria.

Since the Department of Energy (DOE) is the sole responsible party for cleanup of PRS 67 soil contamination, no Potentially Responsible Parties (PRPs) were sought to clean up the site. Monsanto Research Corporation, EG&G Mound Applied technologies, and BWXT of Ohio, Inc were the operating contractors at the site from 1948 to 30 September 1988, from 1 October 1988 until 30 September 1997, and from 1 October 1997 until 31 December 2002 respectively. CH2M Hill Mound, Inc. became the site contractor for the Miamisburg Closure Project (MCP) effective January 1, 2003.

1.2 Organization of the Removal Actions

Table 1 lists the parties responding to the removal actions, and their responsibilities.

Table 1: Organization of the Removal Action

US Environmental Protection Agency (USEPA) SFR-5J 77 W. Jackson Street Chicago, IL 60604 312-353-2000	Timothy J. Fischer	Federal agency responsible for oversight
Ohio Environmental Protection Agency (OEPA) 401 E. Fifth Street Dayton, OH 45402-2911 937-285-6357	Brian K. Nickel	State agency responsible for oversight
US Dept. of Energy Miamisburg Closure Project 175 Tri-County Parkway Springdale, OH 45246 513-246-0071	Paul Lucas	On-scene Coordinator responsible for oversight and success
CH2M HILL Environmental Restoration Project 1 Mound Road Miamisburg, OH 45343-3030 937-608-8220	Jim Fontaine	Provide OSC with technical assistance, administrative support, field oversight, sample management, site safety, photo, site documentation, and preparation of the OSC Report

1.3 Objectives

The objectives of this OSC Report are to describe the PRSs 67-69 RA fieldwork and document successful completion of the project.

Removal Action Objectives: The objectives for the removal action included:

- Project Planning
- Public Notification
- Site Preparation
- Excavation
- Verification
- Site Restoration
- Documentation of Completion

Material quantities and disposition locations are presented in Table 2. The cost breakdown of the removal actions is presented in Table 3.

Table 2: Materials and Disposition

Type of Material	Quantity (yd^3)	Disposal Method	Disposal Location
Contaminated soil/debris	1,633	Rail transport	Envirocare of Utah

Table 3: Removal Cost

Cost Category	Cost ($)
Planning/Fieldwork/ Restoration/grading/seeding	40,000
Transportation/Disposal of Contaminated Soil	360,000
Subcontractors (Verification Sampling, Analyses, & Data Validation)	100,000
Closure Documentation	40,000
Estimated Total Project Cost	**540,000**

The Cleanup Objective for contaminant of concern (COC) identified in the PRS 67 and PRS 363 Fact Sheets (Pu-238) is presented in Table 4, along with other isotopes that remain above CO.

The **cleanup criteria** are satisfied if all verification sample results are below CO or all sample results are below hot spot (HS) criteria and the 95% UCL (upper confidence limit) for the area of interest is less than the CO and the data set passes the Sign test.

Table 4: Cleanup Criteria (pCi/g)

COC	Cleanup Objective	Hot Spot Criteria
Plutonium-238	55.00	165.13
Lead-210	7.4	19.8
Radium-226	2.90	4.7

Cleanup Objective. All final verification results for PRSs 67 and 363 were below their respective COs as identified in the Data Report, Table 5 (A26/274 – A90/274) with the exception of the following: four results for Pu-238 of 91, 82.3, 67.6, and 157 pCi/g (CO of 55 pCi/g); two results of Pb-210 of 7.52 and 11.6 pCi/g (CO of 7.4 pCi/g); and three results of Ra-226 of 3.0, 3.9, and 3.91 pCi/g (CO of 2.9 pCi/g).

Hot Spot Criteria. The Hot Spot criteria (3 times the 10^{-5} RBGV [Risk-Based Guideline Value] + background) for the COCs are presented in Table 4. There were no sample results that exceeded the hot spot criteria for any analyte.

1.4 Chronological Narrative of the Removal Actions

Table 5 presents a chronological narrative of events surrounding the PRSs 67 and 363 RAs. Individual excavation dates are not listed due to the duration of the project and concurrent RA activities.

2.0 EFFECTIVENESS OF THE REMOVAL ACTIONS

The PRS 67 removal action is complete, and the objectives of the Action Memorandum have been met. The limits of excavation and verification are identified on Figure 8 (see A10/274). Results of verification sampling and analysis are provided in Appendix A, and photographs of the site remediation are provided in Appendix C.

Table 5: Chronology of RA

Timeframe	Activity
September 2004	Removal Plan (includes PRSs 67 & 363) approved
October 2004	PRS 363 Fact Sheet approved
March 2005	PRS 67 Fact Sheet approved
October 2004-July 2005	PRS 67/363 contaminated soil RA activities, and verification sampling & analysis.
October 2005	PRSs 67 and 363 OSC Report prepared

2.1 Actions Taken by Mound Personnel

CH2M Hill Mound, Inc. personnel planned and performed removal action oversight, and performed the excavation, monitoring, sampling and analyses, documentation, and transportation of contaminated soil and debris to the designated onsite soil staging area. Photographic documentation is presented in Appendix C. The project met the removal action objectives (Section 1.3), as outlined in the Action Memorandum (Final, dated June 2002). CH2M Hill Mound, Inc. personnel prepared this OSC Report, which shows that the Removal Action objectives were achieved.

2.2 Actions Taken by Local, State, and Federal Agencies

The DOE/MCP, USEPA, and OEPA had oversight responsibility for the removal actions. The DOE/MCP was the lead agency for the RA and provided the funding and oversight for the RA. The USEPA and OEPA had oversight responsibility for the RA and review of the Action Memorandum and OSC Reports to ensure that the objectives are/were met.

2.3 Actions Taken by Subcontractors

Subcontractors involved in the project included:

- SAIC of Ohio - performed site soil sampling, data management, and validation.
- Envirocare of Utah - disposal of radiologically contaminated waste via rail transport.

3.0 DIFFICULTIES ENCOUNTERED

3.1 Items that Affect the Removal Actions

No difficulties were encountered during the removals.

3.2 Issues of Intergovernmental Coordination

All DOE/OEPA/USEPA interactions were good. The agencies were updated informally on a regular basis, and formally at monthly Core Team meetings. The Mound 2000 Process worked well. Splitting of samples with OEPA went well.

4.0 RECOMMENDATIONS

4.1 Means to Prevent a Recurrence

The contaminated soil was removed. Mound Removal Actions have regulator approved work plans, each of which has a section that addresses runon/runoff controls. In addition, the site Storm Water Pollution Prevention Plan applies to the entire site and is monitored by the Environmental Compliance and Analytical Services group. As a result of the removal and runon/runoff protection, spread of contamination is prevented. After the removal action and the CERCLA process for the parcel are complete, the area will be transferred from Federal to private ownership. All State and Federal disposal rules will apply.

ATTACHMENT A

DATA REPORT

DATA REPORT

PRSs 67 & 363

December 2005

Rev. 0

Department of Energy

Miamisburg Closure Project

CH2MHILL

A1/269

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Acronyms

CO	cleanup objective
COC	contaminant of concern
OEPA	Ohio Environmental Protection Agency
PRS	Potential Release Site
QC	quality control
RA	removal action
RSDS	Radiological Survey Data Sheet
R&V	review and validation
SU	Survey Unit
SUD	Survey Unit Design
VSAP	Verification Sampling and Analysis Plan

1.0 PURPOSE

This Data Report provides documentation of sampling activities specified in the following documents; required to closeout Potential Release Sites (PRSs) 67 and 363 (see Figure 1):

- Standard VSAP, Verification Sampling and Analysis Plan, Final, August 2004, and
- PRS 67, 41 Ditch, & PRS 363; Open Drainage Ditch, Post-Ex SUD (Survey Unit Design), Working Draft, October 2005.

The purposes of this Data Report are to:

- document the verification of PRSs 67 and 363,
- describe any variances to the VSAP, and
- present the analytical results.

2.0 DOCUMENT ORGANIZATION / SUMMARY

The PRS 67 (and PRS 363) removal action (RA) was verified through multiple sample events described in Section 3. Contaminants of concern (COCs) are identified in the Post-Ex SUD, an excerpt of which is included as Appendix C. Unless otherwise specified as a variance, sampling and analyses were conducted in accordance with the VSAP and Core Team-approved Post-Ex SUD (see Appendix C).

3.0 FIELD ACTIVITIES

Due to the complexity of the project and for completeness, pre-verification activities as well as verification efforts are described herein. Prior to the RA, historic and Ohio Environmental Protection Agency (OEPA)-requested samples were evaluated and addressed; then RA and verification sampling events occurred.

PRS 41 and PRS 441 are adjacent to PRS 67 and are mentioned herein because of necessary boundary adjustments concerning PRSs 67, 41, and 441.

Historic Samples. The 13 western-most historic locations presented in the Pre-Ex SUD (includes 41 Ditch) will be verified as part of PRS 441 and were therefore excluded from the Post-Ex SUD.

OEPA Samples. To supplement the historic results, OEPA visually inspected the drainage ditch (PRS 67) and selected 55 bias sample locations (Figure 2) for onsite long-count gamma spec and onsite alpha spec (isotopic thorium and plutonium) analyses. The nine westernmost OEPA locations (B25-29 and B52-55) will be addressed as part of PRS 441 and are therefore excluded from this Post-Ex SUD.

The remainder of the historic (10) and OEPA (46) results, including PRS 363 (historic location 12N15), are reported herein (Table 1) and addressed as part of this Post-Ex SUD. Results above cleanup objective (CO) are shaded in Table 1. Sample locations excavated as a matter of course during the multiple RAs are identified via strikeout in Table 1, and were not used in the final statistical analysis.

RAs and Sample Events

The first RA occurred in January 2005 and included excavation of the historic and OEPA locations in Table 1 above CO. The limits of excavation are shown on Figure 3.

Locations 12N15 and SCR250 were verified separately from the rest of the first RA. The remainder of the first RA (Survey Units (SUs) 1-4, see Figure 4) was verified after completion of the walkover survey.

Location 12N15. Following excavation of the historic location 12N15, two samples were collected within the 12N15 (PRS 363) excavated area and analyzed onsite by long count gamma spec. All results are below CO as presented in Table 1.

Location SCR250. Following excavation of the historic location SCR250, soil was not available for collection due to a concrete obstruction. Per Item 10 of the Pre-Ex SUD, a direct/swipe was collected on the concrete as documented in Radiological Survey Data Sheet (RSDS) ER-05-0651. Results of the direct/swipe are presented in Appendix D and indicate no detectable activity in excess of the Mound 2000 surface release criteria.

Scan Surrogates/Walkover Survey. A FIDLER walkover was performed on SU1 and SU4 (see Figure 4) and resulted in no detectable activity. Because SUs 2 and 3 (see Figure 3) had limited accessibility for a FIDLER walkover, surrogate scan samples (140) were collected on a 15' triangular grid (offset 15 feet from the final verification grid). All samples were analyzed by alpha spec (isotopic Pu and Th). Analysis of samples was split between onsite (75 samples) and offsite (65 samples) labs for convenience. Results are presented in Table 2 and results above CO are shaded for reference. Results above CO were excavated to (but not through) the nearest sample location with results below CO. Sample locations excavated as a matter of course during this second RA are identified via strikeout in Table 2, and were not used in the final statistics. The limits of excavation for SUs 2 and 3 are shown on Figure 3. Soil was not available for collection at three locations; therefore, per the Pre-Ex SUD, direct/swipes were obtained and reported in RSDS 05-ER-176. Results of the direct/swipe indicate no detectable activity in excess of the Mound 2000 surface release criteria.

Excavation of SU5 (including 41 Ditch, per Pre-Ex SUD) was postponed to a later date.

Verification. SUs 1-4 were verified with a 15' triangular grid as shown on Figure 4. A total of 267 verification samples were collected. Eleven bias samples were collected at isolated historic excavation areas (see Figure 4). Soil was not available for collection at three locations due to obstructions therefore, per the Pre-Ex SUD, direct/swipes were collected as documented in RSDS ER-05-208. Results of the direct/swipes indicate no detectable activity in excess of the Mound 2000 surface release criteria. All soil samples were analyzed onsite by long count gamma spec and offsite by alpha spec (isotopic plutonium and thorium). Results (except those in western SU4) are presented in Table 3 and results above CO are shaded for reference. Locations SU4FSS01-23 and 31-35 and SU4FSSBias4 are in the area moved into PRS 441; therefore, the associated results are not reported herein.

Third RA. Locations requiring excavation in SUs 2 and 3 were removed and chased. RASS sampling and FIDLER walkovers were performed to guide the excavation and determine when the areas were ready for verification sampling. The limits of excavation are shown on Figure 4.

A historical sample location (SCR273) with Pu-238 results above CO that was not identified in the original work plan was also excavated and verified at this time. The limits of the SCR273 excavation are shown on Figure 6. Verification results for SCR273 are below CO and reported in Table 4 as sample location SU67SCR273.

Because excavation of SU5 and the western half of SU4 would potentially impact the integrity of the soil staging area (PRS 441), they will be verified, after removal, as part of PRS 441 Post-Ex SUD. New boundaries of PRS 67, 41, and 441 are shown on Figure 5.

SU6 includes those areas in SUs 2 and 3 that required excavation per the Standard VSAP and regulator concurrence. SU6 was verified with a 15' triangular grid as shown on Figure 6. A total of 77 verification and five OEPA bias samples were collected. All soil samples were analyzed onsite via long count gamma spec and offsite via alpha spec (isotopic plutonium and thorium). SCR273 was also verified at this time. Results for verification of SU6 and SCR273 are presented in Table 4. One location in SU6 (SU6PRS6720) required excavation per the Standard VSAP is shaded in Table 4 and shown on Figure 6. The location was surgically excavated (fourth RA) and resampled per the Standard VSAP. The re-verification results (SU6PRS6720) were below CO as shown on Table 4.

Figure 7 presents an overlay of all excavation events related to PRS 67. The new PRS 441 boundary is shown for reference to the section of PRS 67 that was added to PRS 441 for remediation and verification.

Figure 8 presents an overlay of all excavation events (minus those now included in PRS 441) and as-left sample locations. The associated as-left verification results are presented in Table 5. Results of samples excavated as a matter of course of the removal action are also identified via strikeout in Tables 1 and 2. Remaining sample locations with results above CO and below HS that met the cleanup criteria are circled on Figure 8 and shaded on Table 5. Final verification results for all COCs are reported in Tables 6 through 11.

NOTE: Table 5 includes all Final Verification Results for all analytes. Tables 6-11 present Final Verification results sorted by analyte to facilitate statistical calculations presented in Appendix E.

4.0 DATA REVIEW / VALIDATION

All data were reviewed and 10% of offsite data were validated.

Field and laboratory QC (quality control) were assessed as part of the data review and validation (R&V) process.

Documentation of review and validation (and related variances) is provided in two separate reports in Appendix F. Review and validation supports that the data are usable.

APPENDIX A

FIGURES

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Figures 1-8

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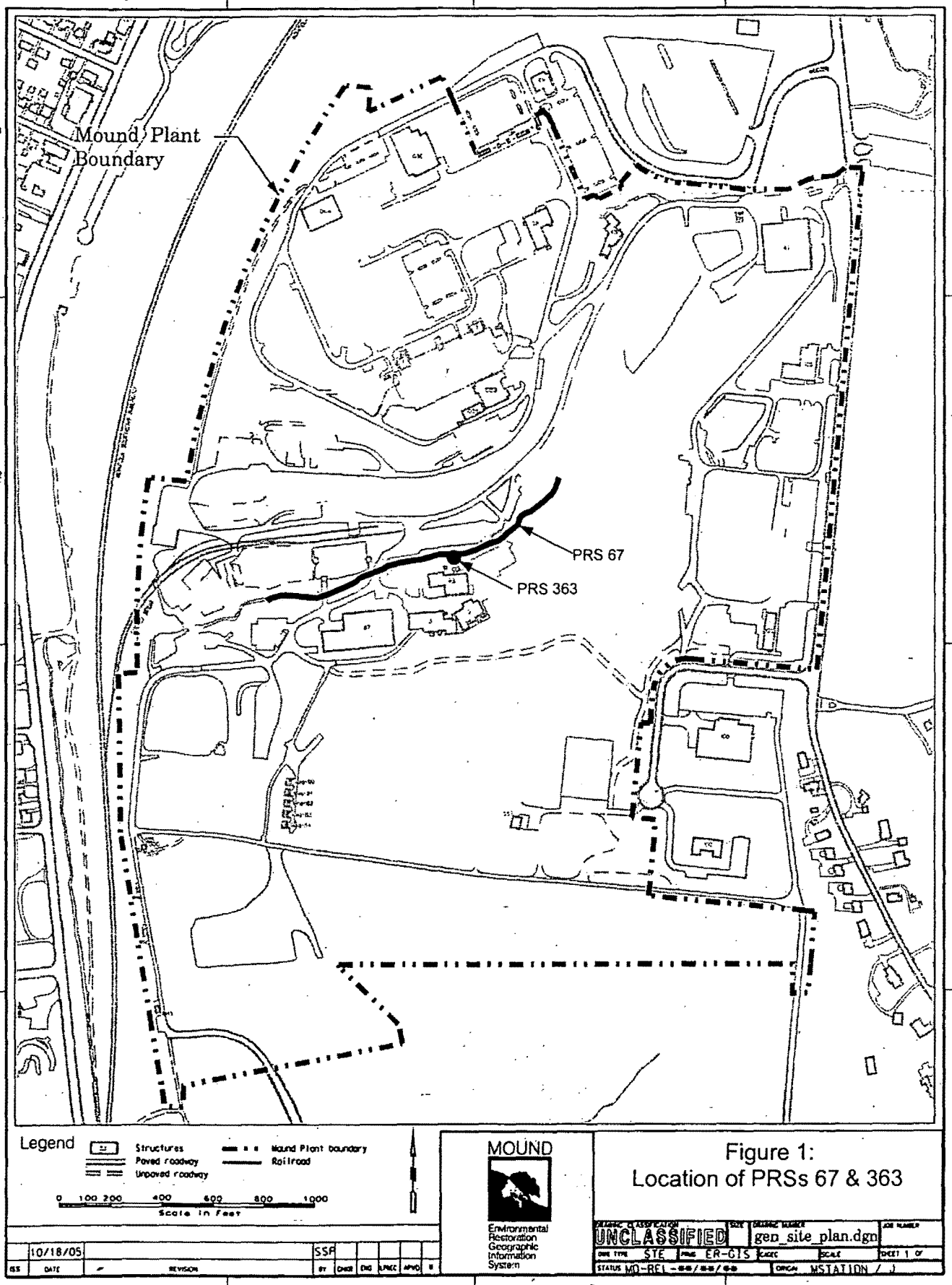

Figure 1:
Location of PRSs 67 & 363

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APPENDIX B

TABLES

A11/269

Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS363-001	Cobalt-60	0.08	PCI/G	0.08	U		0.7	06/15/2004		
PRS363-001	Lead-210	1.17	PCI/G	1.17	U		7.4	06/15/2004		
PRS363-001	Plutonium-238	23.81	PCI/G	23.81	U		55	06/15/2004		
PRS363-001	Radium-226	1.20	PCI/G	1.02			2.9	06/15/2004		
PRS363-001	Thorium-230	8.44	PCI/G	8.44	U		2.8	06/15/2004		
PRS363-001	Thorium-232	0.56	PCI/G	0.23			2.1	06/15/2004		
PRS363-001	Actinium-227	0.40	PCI/G	0.40	U		4.6	06/15/2004		
PRS363-001	Americium-241	0.09	PCI/G	0.09	U		63	06/15/2004		
PRS363-001	Cesium-137	0.07	PCI/G	0.07	U		3.8	06/15/2004		
PRS363-002	Cobalt-60	0.05	PCI/G	0.05	U		0.7	06/15/2004		
PRS363-002	Lead-210	1.22	PCI/G	0.84			7.4	06/15/2004		
PRS363-002	Plutonium-238	18.81	PCI/G	18.81	U		55	06/15/2004		
PRS363-002	Radium-226	1.22	PCI/G	1.08			2.9	06/15/2004		
PRS363-002	Thorium-230	7.15	PCI/G	7.15	U		2.8	06/15/2004		
PRS363-002	Thorium-232	0.49	PCI/G	0.12			2.1	06/15/2004		
PRS363-002	Actinium-227	0.32	PCI/G	0.32	U		4.6	06/15/2004		
PRS363-002	Americium-241	0.10	PCI/G	0.10	U		63	06/15/2004		
PRS363-002	Cesium-137	0.06	PCI/G	0.05			3.8	06/15/2004		
~~23~~	~~Plutonium-238~~	~~490.00~~	~~PCI/G~~	~~na~~			~~55~~	~~na~~	~~1465400.500~~	~~598108.670~~
~~12N15~~	~~Plutonium-238~~	~~85.00~~	~~PCI/G~~	~~na~~			~~55~~	~~na~~	~~1465202.100~~	~~598014.610~~
~~19-4A~~	~~Plutonium-238~~	~~68.84~~	~~PCI/G~~	~~na~~			~~55~~	~~09/20/1993~~	~~1465406.700~~	~~598117.810~~
2101	Benzo(a)pyrene	8000.00	UG/KG	na			4,080	11/14/1994	1465614.000	598339.160
~~62~~	~~Plutonium-238~~	~~58.00~~	~~PCI/G~~	~~na~~			~~55~~	~~07/28/1986~~	~~1465401.700~~	~~598127.540~~
~~B01~~	~~Actinium-227~~	~~0.25~~	~~PCI/G~~	~~0.25~~	~~U~~		~~4.6~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Americium-241~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~63~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Cesium-137~~	~~0.02~~	~~PCI/G~~	~~0.02~~			~~3.8~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Cobalt-60~~	~~0.02~~	~~PCI/G~~	~~0.02~~	~~U~~		~~0.7~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Lead-210~~	~~0.56~~	~~PCI/G~~	~~0.56~~	~~U~~		~~7.4~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Plutonium-238~~	~~14.75~~	~~PCI/G~~	~~14.75~~	~~U~~		~~55~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Plutonium-238~~	~~4.92~~	~~PCI/G~~	~~0.01~~			~~55~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Plutonium-239/240~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~62~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Radium-226~~	~~0.53~~	~~PCI/G~~	~~0.53~~	~~U~~		~~2.9~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Thorium-227~~	~~0.02~~	~~PCI/G~~	~~0.02~~	~~U~~		~~20.9~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Thorium-228~~	~~0.49~~	~~PCI/G~~	~~0.02~~			~~2.6~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Thorium-230~~	~~5.06~~	~~PCI/G~~	~~5.06~~	~~U~~		~~2.8~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Thorium-230~~	~~0.61~~	~~PCI/G~~	~~0.07~~			~~2.8~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Thorium-232~~	~~0.41~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B01~~	~~Thorium-232~~	~~0.31~~	~~PCI/G~~	~~0.07~~			~~2.1~~	~~10/25/2004~~	~~1465582.083~~	~~598312.303~~
~~B02~~	~~Actinium-227~~	~~0.44~~	~~PCI/G~~	~~0.44~~	~~U~~		~~4.6~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Americium-241~~	~~0.19~~	~~PCI/G~~	~~0.11~~			~~63~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Cesium-137~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~3.8~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Lead-210~~	~~2.06~~	~~PCI/G~~	~~0.95~~			~~7.4~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Plutonium-238~~	~~58.50~~	~~PCI/G~~	~~0.04~~			~~55~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Plutonium-238~~	~~50.42~~	~~PCI/G~~	~~19.46~~			~~55~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Plutonium-239/240~~	~~0.23~~	~~PCI/G~~	~~0.04~~			~~62~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Radium-226~~	~~1.31~~	~~PCI/G~~	~~1.08~~			~~2.9~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Thorium-227~~	~~0.05~~	~~PCI/G~~	~~0.02~~			~~20.9~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Thorium-228~~	~~1.62~~	~~PCI/G~~	~~0.02~~			~~2.6~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Thorium-230~~	~~9.87~~	~~PCI/G~~	~~9.87~~	~~U~~		~~2.8~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Thorium-230~~	~~0.55~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Thorium-232~~	~~1.63~~	~~PCI/G~~	~~0.27~~			~~2.1~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B02~~	~~Thorium-232~~	~~1.38~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~10/25/2004~~	~~1465582.036~~	~~598287.250~~
~~B03~~	~~Actinium-227~~	~~0.46~~	~~PCI/G~~	~~0.46~~	~~U~~		~~4.6~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Americium-241~~	~~0.12~~	~~PCI/G~~	~~0.11~~			~~63~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Cesium-137~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~3.8~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Cobalt-60~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~0.7~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Lead-210~~	~~2.31~~	~~PCI/G~~	~~0.97~~			~~7.4~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Plutonium-238~~	~~64.72~~	~~PCI/G~~	~~0.06~~			~~55~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Plutonium-238~~	~~28.65~~	~~PCI/G~~	~~23.86~~			~~55~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Plutonium-239/240~~	~~0.30~~	~~PCI/G~~	~~0.04~~			~~62~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Radium-226~~	~~1.24~~	~~PCI/G~~	~~0.85~~			~~2.9~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Thorium-227~~	~~0.07~~	~~PCI/G~~	~~0.03~~			~~20.9~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Thorium-228~~	~~2.49~~	~~PCI/G~~	~~0.08~~			~~2.6~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Thorium-230~~	~~9.31~~	~~PCI/G~~	~~9.31~~	~~U~~		~~2.8~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Thorium-230~~	~~1.13~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Thorium-232~~	~~1.88~~	~~PCI/G~~	~~0.03~~			~~2.1~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B03~~	~~Thorium-232~~	~~1.61~~	~~PCI/G~~	~~0.14~~			~~2.1~~	~~10/25/2004~~	~~1465560.314~~	~~598272.216~~
~~B04~~	~~Actinium-227~~	~~0.24~~	~~PCI/G~~	~~0.24~~	~~U~~		~~4.6~~	~~10/25/2004~~	~~1465439.982~~	~~598153.320~~
~~B04~~	~~Americium-241~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~63~~	~~10/25/2004~~	~~1465439.982~~	~~598153.320~~
~~B04~~	~~Cesium-137~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~3.8~~	~~10/25/2004~~	~~1465439.982~~	~~598153.320~~
~~B04~~	~~Cobalt-60~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~0.7~~	~~10/25/2004~~	~~1465439.982~~	~~598153.320~~

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Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
B04	Lead-210	0.57	PCI/G	0.49			7.4	10/25/2004	1465439.982	598153.320
B04	Plutonium-238	26.09	PCI/G	0.04			55	10/25/2004	1465439.982	598153.320
B04	Plutonium-238	9.58	PCI/G	9.58	U		55	10/25/2004	1465439.982	598153.320
B04	Plutonium-239/240	0.08	PCI/G	0.01			62	10/25/2004	1465439.982	598153.320
B04	Radium-226	0.95	PCI/G	0.53			2.9	10/25/2004	1465439.982	598153.320
B04	Thorium-227	0.05	PCI/G	0.04			20.9	10/25/2004	1465439.982	598153.320
B04	Thorium-228	0.93	PCI/G	0.01			2.6	10/25/2004	1465439.982	598153.320
B04	Thorium-230	5.17	PCI/G	5.17	U		2.8	10/25/2004	1465439.982	598153.320
B04	Thorium-230	0.54	PCI/G	0.05			2.8	10/25/2004	1465439.982	598153.320
B04	Thorium-232	0.53	PCI/G	0.01			2.1	10/25/2004	1465439.982	598153.320
B04	Thorium-232	0.28	PCI/G	0.17			2.1	10/25/2004	1465439.982	598153.320
B05	Actinium-227	0.37	PCI/G	0.37	U		4.6	10/25/2004	1465502.689	598213.937
B05	Americium-241	0.22	PCI/G	0.08			63	10/25/2004	1465502.689	598213.937
B05	Cesium-137	0.08	PCI/G	0.03			3.8	10/25/2004	1465502.689	598213.937
B05	Cobalt-60	0.03	PCI/G	0.03	U		0.7	10/25/2004	1465502.689	598213.937
B05	Lead-210	3.40	PCI/G	0.77			7.4	10/25/2004	1465502.689	598213.937
B05	Plutonium-238	93.75	PCI/G	0.05			55	10/25/2004	1465502.689	598213.937
B05	Plutonium-238	54.84	PCI/G	18.53			55	10/25/2004	1465502.689	598213.937
B05	Plutonium-239/240	0.36	PCI/G	0.01			62	10/25/2004	1465502.689	598213.937
B05	Radium-226	1.42	PCI/G	0.71			2.9	10/25/2004	1465502.689	598213.937
B05	Thorium-227	0.18	PCI/G	0.10			20.9	10/25/2004	1465502.689	598213.937
B05	Thorium-228	3.31	PCI/G	0.10			2.6	10/25/2004	1465502.689	598213.937
B05	Thorium-230	8.28	PCI/G	8.28	U		2.8	10/25/2004	1465502.689	598213.937
B05	Thorium-230	0.92	PCI/G	0.26			2.8	10/25/2004	1465502.689	598213.937
B05	Thorium-232	2.22	PCI/G	0.26			2.1	10/25/2004	1465502.689	598213.937
B05	Thorium-232	2.13	PCI/G	0.11			2.1	10/25/2004	1465502.689	598213.937
B06	Actinium-227	0.28	PCI/G	0.28	U		4.6	10/25/2004	1465425.610	598154.533
B06	Americium-241	0.06	PCI/G	0.06	U		63	10/25/2004	1465425.610	598154.533
B06	Cesium-137	0.03	PCI/G	0.03	U		3.8	10/25/2004	1465425.610	598154.533
B06	Cobalt-60	0.03	PCI/G	0.03	U		0.7	10/25/2004	1465425.610	598154.533
B06	Lead-210	0.57	PCI/G	0.57	U		7.4	10/25/2004	1465425.610	598154.533
B06	Plutonium-238	15.91	PCI/G	15.91	U		55	10/25/2004	1465425.610	598154.533
B06	Plutonium-238	11.24	PCI/G	0.01			55	10/25/2004	1465425.610	598154.533
B06	Plutonium-239/240	0.04	PCI/G	0.04	U		62	10/25/2004	1465425.610	598154.533
B06	Radium-226	0.74	PCI/G	0.62			2.9	10/25/2004	1465425.610	598154.533
B06	Thorium-227	0.04	PCI/G	0.04	U		20.9	10/25/2004	1465425.610	598154.533
B06	Thorium-228	0.37	PCI/G	0.01			2.6	10/25/2004	1465425.610	598154.533
B06	Thorium-230	5.38	PCI/G	5.38	U		2.8	10/25/2004	1465425.610	598154.533
B06	Thorium-230	1.50	PCI/G	0.01			2.8	10/25/2004	1465425.610	598154.533
B06	Thorium-232	0.39	PCI/G	0.04			2.1	10/25/2004	1465425.610	598154.533
B06	Thorium-232	0.20	PCI/G	0.11			2.1	10/25/2004	1465425.610	598154.533
B07	Actinium-227	0.31	PCI/G	0.31	U		4.6	10/26/2004	1465407.074	598135.066
B07	Americium-241	0.09	PCI/G	0.08			63	10/26/2004	1465407.074	598135.066
B07	Cesium-137	0.06	PCI/G	0.06			3.8	10/26/2004	1465407.074	598135.066
B07	Cobalt-60	0.10	PCI/G	0.10	U		0.7	10/26/2004	1465407.074	598135.066
B07	Lead-210	2.16	PCI/G	0.80			7.4	10/26/2004	1465407.074	598135.066
B07	Plutonium-238	19.86	PCI/G	19.86	U		55	10/26/2004	1465407.074	598135.066
B07	Plutonium-238	13.51	PCI/G	0.02			55	10/26/2004	1465407.074	598135.066
B07	Plutonium-239/240	0.02	PCI/G	0.02			62	10/26/2004	1465407.074	598135.066
B07	Radium-226	2.15	PCI/G	0.84			2.9	10/26/2004	1465407.074	598135.066
B07	Thorium-227	0.03	PCI/G	0.02			20.9	10/26/2004	1465407.074	598135.066
B07	Thorium-228	0.87	PCI/G	0.02			2.6	10/26/2004	1465407.074	598135.066
B07	Thorium-230	8.26	PCI/G	8.26	U		2.8	10/26/2004	1465407.074	598135.066
B07	Thorium-230	1.14	PCI/G	0.06			2.8	10/26/2004	1465407.074	598135.066
B07	Thorium-232	0.80	PCI/G	0.05			2.1	10/26/2004	1465407.074	598135.066
B07	Thorium-232	0.68	PCI/G	0.27			2.1	10/26/2004	1465407.074	598135.066
B08	Actinium-227	0.29	PCI/G	0.29	U		4.6	10/26/2004	1465311.759	598064.317
B08	Americium-241	0.15	PCI/G	0.08			63	10/26/2004	1465311.759	598064.317
B08	Cesium-137	0.05	PCI/G	0.05	U		3.8	10/26/2004	1465311.759	598064.317
B08	Cobalt-60	0.05	PCI/G	0.05	U		0.7	10/26/2004	1465311.759	598064.317
B08	Lead-210	1.61	PCI/G	0.80			7.4	10/26/2004	1465311.759	598064.317
B08	Plutonium-238	62.66	PCI/G	0.02			55	10/26/2004	1465311.759	598064.317
B08	Plutonium-238	37.64	PCI/G	17.86			55	10/26/2004	1465311.759	598064.317
B08	Plutonium-239/240	0.22	PCI/G	0.04			62	10/26/2004	1465311.759	598064.317
B08	Radium-226	1.21	PCI/G	0.85			2.9	10/26/2004	1465311.759	598064.317
B08	Thorium-227	0.08	PCI/G	0.04			20.9	10/26/2004	1465311.759	598064.317
B08	Thorium-228	1.18	PCI/G	0.04			2.6	10/26/2004	1465311.759	598064.317
B08	Thorium-230	8.44	PCI/G	8.44	U		2.8	10/26/2004	1465311.759	598064.317
B08	Thorium-230	0.72	PCI/G	0.04			2.8	10/26/2004	1465311.759	598064.317
B08	Thorium-232	1.65	PCI/G	0.23			2.1	10/26/2004	1465311.759	598064.317
B08	Thorium-232	1.17	PCI/G	0.02			2.1	10/26/2004	1465311.759	598064.317
B09	Actinium-227	0.16	PCI/G	0.16	U		4.6	10/26/2004	1465373.273	598093.037

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Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
B09	Americium-241	0.04	PCI/G	0.04	U		63	10/26/2004	1465373.273	598093.037
B09	Cesium-137	0.03	PCI/G	0.03	U		3.8	10/26/2004	1465373.273	598093.037
B09	Cobalt-60	0.03	PCI/G	0.03	U		0.7	10/26/2004	1465373.273	598093.037
B09	Lead-210	0.42	PCI/G	0.42	U		7.4	10/26/2004	1465373.273	598093.037
B09	Plutonium-238	10.74	PCI/G	0.05			55	10/26/2004	1465373.273	598093.037
B09	Plutonium-239/240	0.07	PCI/G	0.07	U		62	10/26/2004	1465373.273	598093.037
B09	Radium-226	0.69	PCI/G	0.51			2.9	10/26/2004	1465373.273	598093.037
B09	Thorium-227	0.07	PCI/G	0.02			20.9	10/26/2004	1465373.273	598093.037
B09	Thorium-228	0.42	PCI/G	0.02			2.6	10/26/2004	1465373.273	598093.037
B09	Thorium-230	0.45	PCI/G	0.02			2.8	10/26/2004	1465373.273	598093.037
B09	Thorium-232	0.32	PCI/G	0.02			2.1	10/26/2004	1465373.273	598093.037
B10	Actinium-227	0.19	PCI/G	0.19	U		4.6	10/26/2004	1465272.525	598064.340
B10	Americium-241	0.05	PCI/G	0.05	U		63	10/26/2004	1465272.525	598064.340
B10	Cesium-137	0.03	PCI/G	0.03	U		3.8	10/26/2004	1465272.525	598064.340
B10	Cobalt-60	0.04	PCI/G	0.04	U		0.7	10/26/2004	1465272.525	598064.340
B10	Lead-210	0.52	PCI/G	0.48			7.4	10/26/2004	1465272.525	598064.340
B10	Plutonium-238	10.23	PCI/G	0.04			55	10/26/2004	1465272.525	598064.340
B10	Plutonium-239/240	0.02	PCI/G	0.01			62	10/26/2004	1465272.525	598064.340
B10	Radium-226	0.79	PCI/G	0.61			2.9	10/26/2004	1465272.525	598064.340
B10	Thorium-227	0.04	PCI/G	0.04	U		20.9	10/26/2004	1465272.525	598064.340
B10	Thorium-228	0.70	PCI/G	0.04			2.6	10/26/2004	1465272.525	598064.340
B10	Thorium-230	0.54	PCI/G	0.04			2.8	10/26/2004	1465272.525	598064.340
B10	Thorium-232	0.49	PCI/G	0.02			2.1	10/26/2004	1465272.525	598064.340
~~B12~~	~~Actinium-227~~	~~0.17~~	~~PCI/G~~	~~0.17~~	~~U~~		~~4.6~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Americium-241~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~63~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Cesium-137~~	~~0.03~~	~~PCI/G~~	~~0.03~~	~~U~~		~~3.8~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Cobalt-60~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Lead-210~~	~~0.43~~	~~PCI/G~~	~~0.43~~	~~U~~		~~7.4~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Plutonium-238~~	~~12.00~~	~~PCI/G~~	~~0.01~~			~~55~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Plutonium-238~~	~~10.14~~	~~PCI/G~~	~~10.14~~	~~U~~		~~55~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Plutonium-239/240~~	~~0.06~~	~~PCI/G~~	~~0.01~~			~~62~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Radium-226~~	~~0.75~~	~~PCI/G~~	~~0.63~~			~~2.9~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Thorium-227~~	~~0.06~~	~~PCI/G~~	~~0.01~~			~~20.9~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Thorium-228~~	~~0.50~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Thorium-230~~	~~4.37~~	~~PCI/G~~	~~4.37~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Thorium-230~~	~~0.73~~	~~PCI/G~~	~~0.01~~			~~2.8~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Thorium-232~~	~~0.38~~	~~PCI/G~~	~~0.10~~			~~2.1~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B12~~	~~Thorium-232~~	~~0.35~~	~~PCI/G~~	~~0.01~~			~~2.1~~	~~10/26/2004~~	~~1465190.065~~	~~598034.964~~
~~B13~~	~~Actinium-227~~	~~0.19~~	~~PCI/G~~	~~0.19~~	~~U~~		~~4.6~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Americium-241~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~63~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Cesium-137~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~3.8~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Cobalt-60~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Lead-210~~	~~0.62~~	~~PCI/G~~	~~0.42~~			~~7.4~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Plutonium-238~~	~~19.12~~	~~PCI/G~~	~~0.05~~			~~55~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Plutonium-238~~	~~8.40~~	~~PCI/G~~	~~8.40~~	~~U~~		~~55~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Plutonium-239/240~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~62~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Radium-226~~	~~0.80~~	~~PCI/G~~	~~0.53~~			~~2.9~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Thorium-227~~	~~0.12~~	~~PCI/G~~	~~0.04~~			~~20.9~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Thorium-228~~	~~0.56~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Thorium-230~~	~~4.83~~	~~PCI/G~~	~~4.83~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Thorium-230~~	~~0.62~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Thorium-232~~	~~0.48~~	~~PCI/G~~	~~0.06~~			~~2.1~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B13~~	~~Thorium-232~~	~~0.31~~	~~PCI/G~~	~~0.15~~			~~2.1~~	~~10/26/2004~~	~~1465154.842~~	~~598049.013~~
~~B14~~	~~Actinium-227~~	~~0.33~~	~~PCI/G~~	~~0.24~~			~~4.6~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Americium-241~~	~~0.13~~	~~PCI/G~~	~~0.08~~			~~63~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Cesium-137~~	~~0.07~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Lead-210~~	~~1.01~~	~~PCI/G~~	~~0.74~~			~~7.4~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Plutonium-238~~	~~48.85~~	~~PCI/G~~	~~0.07~~			~~55~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Plutonium-238~~	~~18.32~~	~~PCI/G~~	~~14.08~~			~~55~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Plutonium-239/240~~	~~0.10~~	~~PCI/G~~	~~0.02~~			~~62~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Radium-226~~	~~1.17~~	~~PCI/G~~	~~0.82~~			~~2.9~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Thorium-227~~	~~0.04~~	~~PCI/G~~	~~0.02~~			~~20.9~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Thorium-228~~	~~1.24~~	~~PCI/G~~	~~0.02~~			~~2.6~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Thorium-230~~	~~8.43~~	~~PCI/G~~	~~8.43~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Thorium-230~~	~~2.12~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Thorium-232~~	~~0.99~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
~~B14~~	~~Thorium-232~~	~~0.91~~	~~PCI/G~~	~~0.18~~			~~2.1~~	~~10/26/2004~~	~~1465113.770~~	~~598043.686~~
B15	Actinium-227	0.39	PCI/G	0.23			4.6	10/26/2004	1465086.890	598017.561
B15	Americium-241	0.09	PCI/G	0.09	U		63	10/26/2004	1465086.890	598017.561
B15	Cesium-137	0.08	PCI/G	0.05			3.8	10/26/2004	1465086.890	598017.561
B15	Cobalt-60	0.06	PCI/G	0.01			0.7	10/26/2004	1465086.890	598017.561

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Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
B15	Lead-210	1.99	PCI/G	0.74			7.4	10/26/2004	1465086.890	598017.561
B15	Plutonium-238	7.69	PCI/G	0.01			55	10/26/2004	1465086.890	598017.561
B15	Plutonium-239/240	0.04	PCI/G	0.01			62	10/26/2004	1465086.890	598017.561
B15	Radium-226	1.04	PCI/G	0.93			2.9	10/26/2004	1465086.890	598017.561
B15	Thorium-227	0.02	PCI/G	0.02			20.9	10/26/2004	1465086.890	598017.561
B15	Thorium-228	0.59	PCI/G	0.06			2.6	10/26/2004	1465086.890	598017.561
B15	Thorium-230	0.97	PCI/G	0.02			2.8	10/26/2004	1465086.890	598017.561
B15	Thorium-232	0.64	PCI/G	0.02			2.1	10/26/2004	1465086.890	598017.561
B16	Actinium-227	0.21	PCI/G	0.21	U		4.6	10/26/2004	1464910.502	597979.653
B16	Americium-241	0.06	PCI/G	0.06	U		63	10/26/2004	1464910.502	597979.653
B16	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004	1464910.502	597979.653
B16	Cobalt-60	0.05	PCI/G	0.05	U		0.7	10/26/2004	1464910.502	597979.653
B16	Lead-210	0.87	PCI/G	0.52			7.4	10/26/2004	1464910.502	597979.653
B16	Plutonium-238	32.24	PCI/G	0.05			55	10/26/2004	1464910.502	597979.653
B16	Plutonium-239/240	0.12	PCI/G	0.01			62	10/26/2004	1464910.502	597979.653
B16	Radium-226	0.69	PCI/G	0.67			2.9	10/26/2004	1464910.502	597979.653
B16	Thorium-227	0.03	PCI/G	0.03	U		20.9	10/26/2004	1464910.502	597979.653
B16	Thorium-228	0.79	PCI/G	0.10			2.6	10/26/2004	1464910.502	597979.653
B16	Thorium-230	0.83	PCI/G	0.10			2.8	10/26/2004	1464910.502	597979.653
B16	Thorium-232	0.90	PCI/G	0.08			2.1	10/26/2004	1464910.502	597979.653
B17	Actinium-227	0.19	PCI/G	0.19	U		4.6	10/26/2004	1464851.161	597950.575
B17	Americium-241	0.06	PCI/G	0.06	U		63	10/26/2004	1464851.161	597950.575
B17	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004	1464851.161	597950.575
B17	Cobalt-60	0.04	PCI/G	0.04	U		0.7	10/26/2004	1464851.161	597950.575
B17	Lead-210	0.61	PCI/G	0.56			7.4	10/26/2004	1464851.161	597950.575
B17	Plutonium-238	11.29	PCI/G	0.01			55	10/26/2004	1464851.161	597950.575
B17	Plutonium-239/240	0.04	PCI/G	0.01			62	10/26/2004	1464851.161	597950.575
B17	Radium-226	0.96	PCI/G	0.61			2.9	10/26/2004	1464851.161	597950.575
B17	Thorium-227	0.02	PCI/G	0.02	U		20.9	10/26/2004	1464851.161	597950.575
B17	Thorium-228	0.69	PCI/G	0.02			2.6	10/26/2004	1464851.161	597950.575
B17	Thorium-230	0.65	PCI/G	0.06			2.8	10/26/2004	1464851.161	597950.575
B17	Thorium-232	0.50	PCI/G	0.02			2.1	10/26/2004	1464851.161	597950.575
B18	Actinium-227	0.16	PCI/G	0.16	U		4.6	10/26/2004	1464825.049	597953.702
B18	Americium-241	0.05	PCI/G	0.05	U		63	10/26/2004	1464825.049	597953.702
B18	Cesium-137	0.03	PCI/G	0.03	U		3.8	10/26/2004	1464825.049	597953.702
B18	Cobalt-60	0.03	PCI/G	0.03	U		0.7	10/26/2004	1464825.049	597953.702
B18	Lead-210	0.44	PCI/G	0.44	U		7.4	10/26/2004	1464825.049	597953.702
B18	Plutonium-238	17.74	PCI/G	0.05			55	10/26/2004	1464825.049	597953.702
B18	Plutonium-239/240	0.05	PCI/G	0.05			62	10/26/2004	1464825.049	597953.702
B18	Radium-226	0.71	PCI/G	0.50			2.9	10/26/2004	1464825.049	597953.702
B18	Thorium-227	0.05	PCI/G	0.04			20.9	10/26/2004	1464825.049	597953.702
B18	Thorium-228	0.85	PCI/G	0.04			2.6	10/26/2004	1464825.049	597953.702
B18	Thorium-230	0.73	PCI/G	0.04			2.8	10/26/2004	1464825.049	597953.702
B18	Thorium-232	0.51	PCI/G	0.04			2.1	10/26/2004	1464825.049	597953.702
B19	Actinium-227	0.17	PCI/G	0.17	U		4.6	10/26/2004	1464808.737	597941.427
B19	Americium-241	0.05	PCI/G	0.05	U		63	10/26/2004	1464808.737	597941.427
B19	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004	1464808.737	597941.427
B19	Cobalt-60	0.03	PCI/G	0.03	U		0.7	10/26/2004	1464808.737	597941.427
B19	Lead-210	0.45	PCI/G	0.44			7.4	10/26/2004	1464808.737	597941.427
B19	Plutonium-238	12.45	PCI/G	0.01			55	10/26/2004	1464808.737	597941.427
B19	Plutonium-239/240	0.06	PCI/G	0.01			62	10/26/2004	1464808.737	597941.427
B19	Radium-226	0.79	PCI/G	0.42			2.9	10/26/2004	1464808.737	597941.427
B19	Thorium-227	0.02	PCI/G	0.02	U		20.9	10/26/2004	1464808.737	597941.427
B19	Thorium-228	0.35	PCI/G	0.02			2.6	10/26/2004	1464808.737	597941.427
B19	Thorium-230	0.59	PCI/G	0.06			2.8	10/26/2004	1464808.737	597941.427
B19	Thorium-232	0.30	PCI/G	0.02			2.1	10/26/2004	1464808.737	597941.427
~~B20~~	~~Actinium-227~~	~~0.31~~	~~PCI/G~~	~~0.31~~	~~U~~		~~4.6~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Americium-241~~	~~0.32~~	~~PCI/G~~	~~0.09~~			~~63~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Cesium-137~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~3.8~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Lead-210~~	~~1.70~~	~~PCI/G~~	~~0.76~~			~~7.4~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Plutonium-238~~	~~72.79~~	~~PCI/G~~	~~0.02~~			~~55~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Plutonium-238~~	~~26.08~~	~~PCI/G~~	~~17.04~~			~~55~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Plutonium-239/240~~	~~0.29~~	~~PCI/G~~	~~0.05~~			~~62~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Radium-226~~	~~1.23~~	~~PCI/G~~	~~0.91~~			~~2.9~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Thorium-227~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~20.9~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Thorium-228~~	~~1.10~~	~~PCI/G~~	~~0.06~~			~~2.6~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Thorium-230~~	~~8.71~~	~~PCI/G~~	~~8.71~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Thorium-230~~	~~1.14~~	~~PCI/G~~	~~0.20~~			~~2.8~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Thorium-232~~	~~0.99~~	~~PCI/G~~	~~0.06~~			~~2.1~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
~~B20~~	~~Thorium-232~~	~~0.72~~	~~PCI/G~~	~~0.21~~			~~2.1~~	~~10/26/2004~~	~~1464750.388~~	~~597919.124~~
B21	Actinium-227	0.29	PCI/G	0.29	U		4.6	10/26/2004	1464723.496	597927.757

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Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
B21	Americium-241	0.08	PCI/G	0.08	U		63	10/26/2004	1464723.496	597927.757
B21	Cesium-137	0.07	PCI/G	0.06			3.8	10/26/2004	1464723.496	597927.757
B21	Cobalt-60	0.07	PCI/G	0.07	U		0.7	10/26/2004	1464723.496	597927.757
B21	Lead-210	1.08	PCI/G	0.80			7.4	10/26/2004	1464723.496	597927.757
B21	Plutonium-238	9.07	PCI/G	0.04			55	10/26/2004	1464723.496	597927.757
B21	Plutonium-239/240	0.04	PCI/G	0.04	U		62	10/26/2004	1464723.496	597927.757
B21	Radium-226	0.91	PCI/G	0.91	U		2.9	10/26/2004	1464723.496	597927.757
B21	Thorium-227	0.06	PCI/G	0.06	U		20.9	10/26/2004	1464723.496	597927.757
B21	Thorium-228	0.93	PCI/G	0.06			2.6	10/26/2004	1464723.496	597927.757
B21	Thorium-230	1.03	PCI/G	0.17			2.8	10/26/2004	1464723.496	597927.757
B21	Thorium-232	0.84	PCI/G	0.17			2.1	10/26/2004	1464723.496	597927.757
~~B22~~	~~Actinium-227~~	~~0.27~~	~~PCI/G~~	~~0.27~~	~~U~~		~~4.6~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Americium-241~~	~~0.11~~	~~PCI/G~~	~~0.08~~			~~63~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Cesium-137~~	~~0.23~~	~~PCI/G~~	~~0.04~~			~~3.8~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Cobalt-60~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~0.7~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Lead-210~~	~~1.71~~	~~PCI/G~~	~~0.87~~			~~7.4~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Plutonium-238~~	~~74.37~~	~~PCI/G~~	~~0.05~~			~~55~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Plutonium-238~~	~~37.06~~	~~PCI/G~~	~~21.75~~			~~55~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Plutonium-239/240~~	~~0.21~~	~~PCI/G~~	~~0.04~~			~~62~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Radium-226~~	~~1.78~~	~~PCI/G~~	~~0.79~~			~~2.9~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Thorium-227~~	~~0.12~~	~~PCI/G~~	~~0.12~~	~~U~~		~~20.9~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Thorium-228~~	~~0.94~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Thorium-230~~	~~7.67~~	~~PCI/G~~	~~7.67~~	~~U~~		~~2.8~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Thorium-230~~	~~0.72~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Thorium-232~~	~~0.76~~	~~PCI/G~~	~~0.12~~			~~2.1~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
~~B22~~	~~Thorium-232~~	~~0.59~~	~~PCI/G~~	~~0.21~~			~~2.1~~	~~10/28/2004~~	~~1464552.736~~	~~597885.019~~
B23A	Actinium-227	0.27	PCI/G	0.27	U		4.6	10/28/2004	1464531.095	597892.335
B23A	Americium-241	0.07	PCI/G	0.07	U		63	10/28/2004	1464531.095	597892.335
B23A	Cesium-137	0.05	PCI/G	0.05	U		3.8	10/28/2004	1464531.095	597892.335
B23A	Cobalt-60	0.06	PCI/G	0.06	U		0.7	10/28/2004	1464531.095	597892.335
B23A	Lead-210	1.19	PCI/G	0.64			7.4	10/28/2004	1464531.095	597892.335
B23A	Plutonium-238	5.96	PCI/G	0.04			55	10/28/2004	1464531.095	597892.335
B23A	Plutonium-239/240	0.03	PCI/G	0.01			62	10/28/2004	1464531.095	597892.335
B23A	Radium-226	1.08	PCI/G	0.75			2.9	10/28/2004	1464531.095	597892.335
B23A	Thorium-227	0.29	PCI/G	0.05			20.9	10/28/2004	1464531.095	597892.335
B23A	Thorium-228	0.94	PCI/G	0.02			2.6	10/28/2004	1464531.095	597892.335
B23A	Thorium-230	0.43	PCI/G	0.18			2.8	10/28/2004	1464531.095	597892.335
B23A	Thorium-232	0.74	PCI/G	0.14			2.1	10/28/2004	1464531.095	597892.335
B23B	Actinium-227	0.38	PCI/G	0.38	U		4.6	10/28/2004	1464510.126	59788.556
B23B	Americium-241	0.10	PCI/G	0.10	U		63	10/28/2004	1464510.126	59788.556
B23B	Cesium-137	0.10	PCI/G	0.08			3.8	10/28/2004	1464510.126	59788.556
B23B	Cobalt-60	0.10	PCI/G	0.10	U		0.7	10/28/2004	1464510.126	59788.556
B23B	Lead-210	0.99	PCI/G	0.94			7.4	10/28/2004	1464510.126	59788.556
B23B	Plutonium-238	1.19	PCI/G	0.01			55	10/28/2004	1464510.126	59788.556
B23B	Plutonium-239/240	0.01	PCI/G	0.01	U		62	10/28/2004	1464510.126	59788.556
B23B	Radium-226	1.88	PCI/G	1.02			2.9	10/28/2004	1464510.126	59788.556
B23B	Thorium-227	0.06	PCI/G	0.03			20.9	10/28/2004	1464510.126	59788.556
B23B	Thorium-228	1.15	PCI/G	0.03			2.6	10/28/2004	1464510.126	59788.556
B23B	Thorium-230	0.86	PCI/G	0.03			2.8	10/28/2004	1464510.126	59788.556
B23B	Thorium-232	0.87	PCI/G	0.09			2.1	10/28/2004	1464510.126	59788.556
B24	Actinium-227	0.22	PCI/G	0.22	U		4.6	10/28/2004	1464479.524	597877.334
B24	Americium-241	0.06	PCI/G	0.06			63	10/28/2004	1464479.524	597877.334
B24	Cesium-137	0.06	PCI/G	0.04			3.8	10/28/2004	1464479.524	597877.334
B24	Cobalt-60	0.08	PCI/G	0.08	U		0.7	10/28/2004	1464479.524	597877.334
B24	Lead-210	1.01	PCI/G	0.60			7.4	10/28/2004	1464479.524	597877.334
B24	Plutonium-238	25.71	PCI/G	0.05			55	10/28/2004	1464479.524	597877.334
B24	Plutonium-239/240	0.10	PCI/G	0.01			62	10/28/2004	1464479.524	597877.334
B24	Radium-226	1.06	PCI/G	0.71			2.9	10/28/2004	1464479.524	597877.334
B24	Thorium-227	0.03	PCI/G	0.03	U		20.9	10/28/2004	1464479.524	597877.334
B24	Thorium-228	0.66	PCI/G	0.12			2.6	10/28/2004	1464479.524	597877.334
B24	Thorium-230	0.91	PCI/G	0.12			2.8	10/28/2004	1464479.524	597877.334
B24	Thorium-232	0.59	PCI/G	0.03			2.1	10/28/2004	1464479.524	597877.334
~~B30~~	~~Actinium-227~~	~~0.40~~	~~PCI/G~~	~~0.40~~	~~U~~		~~4.6~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Americium-241~~	~~0.15~~	~~PCI/G~~	~~0.09~~			~~63~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Cesium-137~~	~~0.09~~	~~PCI/G~~	~~0.05~~			~~3.8~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Lead-210~~	~~2.42~~	~~PCI/G~~	~~0.78~~			~~7.4~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Plutonium-238~~	~~105.63~~	~~PCI/G~~	~~0.06~~			~~55~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Plutonium-238~~	~~65.74~~	~~PCI/G~~	~~20.36~~			~~55~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Plutonium-239/240~~	~~0.41~~	~~PCI/G~~	~~0.01~~			~~62~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Radium-226~~	~~0.94~~	~~PCI/G~~	~~0.94~~	~~U~~		~~2.9~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Thorium-227~~	~~1.32~~	~~PCI/G~~	~~0.17~~			~~20.9~~	~~10/25/2004~~	~~1465608.158~~	~~598326.595~~

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Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~B30~~	~~Thorium-228~~	~~4.08~~	~~PCI/G~~	~~0.58~~			~~2.6~~	~~10/26/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Thorium-230~~	~~8.51~~	~~PCI/G~~	~~8.51~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Thorium-230~~	~~1.07~~	~~PCI/G~~	~~0.46~~			~~2.8~~	~~10/26/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Thorium-232~~	~~3.39~~	~~PCI/G~~	~~0.46~~			~~2.1~~	~~10/26/2004~~	~~1465608.158~~	~~598326.595~~
~~B30~~	~~Thorium-232~~	~~1.73~~	~~PCI/G~~	~~0.20~~			~~2.1~~	~~10/26/2004~~	~~1465608.158~~	~~598326.595~~
~~B31~~	~~Actinium-227~~	~~0.39~~	~~PCI/G~~	~~0.39~~	~~U~~		~~4.6~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Americium-241~~	~~0.11~~	~~PCI/G~~	~~0.11~~	~~U~~		~~63~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Cesium-137~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~3.8~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Cobalt-60~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~0.7~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Lead-210~~	~~2.38~~	~~PCI/G~~	~~1.00~~			~~7.4~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Plutonium-238~~	~~34.93~~	~~PCI/G~~	~~0.01~~			~~55~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Plutonium-238~~	~~28.93~~	~~PCI/G~~	~~18.99~~			~~55~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Plutonium-239/240~~	~~0.08~~	~~PCI/G~~	~~0.01~~			~~62~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Radium-226~~	~~2.08~~	~~PCI/G~~	~~0.07~~			~~2.9~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Thorium-227~~	~~0.13~~	~~PCI/G~~	~~0.01~~			~~20.9~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Thorium-228~~	~~0.61~~	~~PCI/G~~	~~0.01~~			~~2.6~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Thorium-230~~	~~9.54~~	~~PCI/G~~	~~9.54~~	~~U~~		~~2.8~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Thorium-230~~	~~0.56~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Thorium-232~~	~~0.58~~	~~PCI/G~~	~~0.30~~			~~2.1~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B31~~	~~Thorium-232~~	~~0.51~~	~~PCI/G~~	~~0.01~~			~~2.1~~	~~10/25/2004~~	~~1465413.348~~	~~598120.913~~
~~B32~~	~~Actinium-227~~	~~0.33~~	~~PCI/G~~	~~0.33~~	~~U~~		~~4.6~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Americium-241~~	~~0.11~~	~~PCI/G~~	~~0.08~~			~~63~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Cesium-137~~	~~0.05~~	~~PCI/G~~	~~0.03~~			~~3.8~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Cobalt-60~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~0.7~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Lead-210~~	~~1.10~~	~~PCI/G~~	~~0.78~~			~~7.4~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Plutonium-238~~	~~32.28~~	~~PCI/G~~	~~0.05~~			~~55~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Plutonium-238~~	~~22.18~~	~~PCI/G~~	~~22.18~~	~~U~~		~~55~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Plutonium-239/240~~	~~0.06~~	~~PCI/G~~	~~0.05~~			~~62~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Radium-226~~	~~0.76~~	~~PCI/G~~	~~0.76~~	~~U~~		~~2.9~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Thorium-227~~	~~0.17~~	~~PCI/G~~	~~0.04~~			~~20.9~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Thorium-228~~	~~1.12~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Thorium-230~~	~~7.73~~	~~PCI/G~~	~~7.73~~	~~U~~		~~2.8~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Thorium-230~~	~~1.50~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Thorium-232~~	~~1.11~~	~~PCI/G~~	~~0.04~~			~~2.1~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B32~~	~~Thorium-232~~	~~0.78~~	~~PCI/G~~	~~0.12~~			~~2.1~~	~~10/25/2004~~	~~1465397.940~~	~~598116.896~~
~~B33~~	~~Actinium-227~~	~~0.33~~	~~PCI/G~~	~~0.33~~	~~U~~		~~4.6~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Cesium-137~~	~~0.24~~	~~PCI/G~~	~~0.07~~			~~3.8~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Lead-210~~	~~3.34~~	~~PCI/G~~	~~0.91~~			~~7.4~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Plutonium-238~~	~~17.11~~	~~PCI/G~~	~~17.11~~	~~U~~		~~55~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Plutonium-238~~	~~3.36~~	~~PCI/G~~	~~0.01~~			~~55~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Plutonium-239/240~~	~~0.03~~	~~PCI/G~~	~~0.01~~			~~62~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Radium-226~~	~~1.61~~	~~PCI/G~~	~~0.97~~			~~2.9~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Thorium-227~~	~~0.20~~	~~PCI/G~~	~~0.07~~			~~20.9~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Thorium-228~~	~~0.56~~	~~PCI/G~~	~~0.19~~			~~2.6~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Thorium-230~~	~~8.20~~	~~PCI/G~~	~~8.20~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Thorium-230~~	~~1.11~~	~~PCI/G~~	~~0.07~~			~~2.8~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Thorium-232~~	~~0.63~~	~~PCI/G~~	~~0.07~~			~~2.1~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B33~~	~~Thorium-232~~	~~0.47~~	~~PCI/G~~	~~0.27~~			~~2.1~~	~~10/26/2004~~	~~1465236.987~~	~~598068.625~~
~~B34~~	~~Actinium-227~~	~~0.33~~	~~PCI/G~~	~~0.33~~	~~U~~		~~4.6~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Americium-241~~	~~0.10~~	~~PCI/G~~	~~0.10~~	~~U~~		~~63~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Cesium-137~~	~~0.11~~	~~PCI/G~~	~~0.09~~			~~3.8~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Cobalt-60~~	~~0.16~~	~~PCI/G~~	~~0.16~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Lead-210~~	~~1.13~~	~~PCI/G~~	~~0.92~~			~~7.4~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Plutonium-238~~	~~17.87~~	~~PCI/G~~	~~17.87~~	~~U~~		~~55~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Plutonium-238~~	~~3.11~~	~~PCI/G~~	~~0.01~~			~~55~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Plutonium-239/240~~	~~0.07~~	~~PCI/G~~	~~0.03~~			~~62~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Radium-226~~	~~2.34~~	~~PCI/G~~	~~0.98~~			~~2.9~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Thorium-227~~	~~0.28~~	~~PCI/G~~	~~0.16~~			~~20.9~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Thorium-228~~	~~1.11~~	~~PCI/G~~	~~0.06~~			~~2.6~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Thorium-230~~	~~8.20~~	~~PCI/G~~	~~8.20~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Thorium-230~~	~~1.17~~	~~PCI/G~~	~~0.06~~			~~2.8~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Thorium-232~~	~~1.13~~	~~PCI/G~~	~~0.06~~			~~2.1~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
~~B34~~	~~Thorium-232~~	~~0.85~~	~~PCI/G~~	~~0.21~~			~~2.1~~	~~10/26/2004~~	~~1465220.984~~	~~598061.429~~
B35	Actinium-227	0.31	PCI/G	0.31	U		4.6	10/26/2004	1465226.356	598043.953
B35	Americium-241	0.08	PCI/G	0.08	U		63	10/26/2004	1465226.356	598043.953
B35	Cesium-137	0.06	PCI/G	0.06	U		3.8	10/26/2004	1465226.356	598043.953
B35	Cobalt-60	0.06	PCI/G	0.06	U		0.7	10/26/2004	1465226.356	598043.953
B35	Lead-210	1.46	PCI/G	0.83			7.4	10/26/2004	1465226.356	598043.953
B35	Plutonium-238	10.35	PCI/G	0.03			55	10/26/2004	1465226.356	598043.953
B35	Plutonium-239/240	0.03	PCI/G	0.03	U		62	10/26/2004	1465226.356	598043.953

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Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
B35	Radium-226	1.62	PCI/G	0.78			2.9	10/26/2004	1465226.356	598043.953
B35	Thorium-227	0.17	PCI/G	0.02			20.9	10/26/2004	1465226.356	598043.953
B35	Thorium-228	1.04	PCI/G	0.02			2.6	10/26/2004	1465226.356	598043.953
B35	Thorium-230	0.94	PCI/G	0.05			2.8	10/26/2004	1465226.356	598043.953
B35	Thorium-232	0.84	PCI/G	0.05			2.1	10/26/2004	1465226.356	598043.953
~~B36~~	~~Actinium-227~~	~~0.35~~	~~PCI/G~~	~~0.35~~	~~U~~		~~4.6~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.08~~			~~63~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Cesium-137~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~3.8~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Cobalt-60~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Lead-210~~	~~2.03~~	~~PCI/G~~	~~0.77~~			~~7.4~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Plutonium-238~~	~~47.16~~	~~PCI/G~~	~~0.04~~			~~55~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Plutonium-238~~	~~32.16~~	~~PCI/G~~	~~21.25~~			~~55~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Plutonium-239/240~~	~~0.07~~	~~PCI/G~~	~~0.04~~			~~62~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Radium-226~~	~~1.60~~	~~PCI/G~~	~~0.94~~			~~2.9~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Thorium-227~~	~~0.16~~	~~PCI/G~~	~~0.04~~			~~20.9~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Thorium-228~~	~~0.82~~	~~PCI/G~~	~~0.02~~			~~2.6~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Thorium-230~~	~~8.19~~	~~PCI/G~~	~~8.19~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Thorium-230~~	~~1.30~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Thorium-232~~	~~0.72~~	~~PCI/G~~	~~0.04~~			~~2.1~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
~~B36~~	~~Thorium-232~~	~~0.70~~	~~PCI/G~~	~~0.26~~			~~2.1~~	~~10/26/2004~~	~~1465150.181~~	~~598036.650~~
B37	Actinium-227	0.20	PCI/G	0.20	U		4.6	10/26/2004	1465073.967	598012.991
B37	Americium-241	0.05	PCI/G	0.05	U		63	10/26/2004	1465073.967	598012.991
B37	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004	1465073.967	598012.991
B37	Cobalt-60	0.06	PCI/G	0.06	U		0.7	10/26/2004	1465073.967	598012.991
B37	Lead-210	1.61	PCI/G	0.58			7.4	10/26/2004	1465073.967	598012.991
B37	Plutonium-238	0.43	PCI/G	0.01			55	10/26/2004	1465073.967	598012.991
B37	Plutonium-239/240	0.01	PCI/G	0.01	U		62	10/26/2004	1465073.967	598012.991
B37	Radium-226	1.09	PCI/G	0.69			2.9	10/26/2004	1465073.967	598012.991
B37	Thorium-227	0.07	PCI/G	0.05			20.9	10/26/2004	1465073.967	598012.991
B37	Thorium-228	0.29	PCI/G	0.02			2.6	10/26/2004	1465073.967	598012.991
B37	Thorium-230	0.43	PCI/G	0.02			2.8	10/26/2004	1465073.967	598012.991
B37	Thorium-232	0.18	PCI/G	0.04			2.1	10/26/2004	1465073.967	598012.991
~~B38~~	~~Actinium-227~~	~~0.33~~	~~PCI/G~~	~~0.33~~	~~U~~		~~4.6~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Americium-241~~	~~0.12~~	~~PCI/G~~	~~0.08~~			~~63~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Cesium-137~~	~~0.13~~	~~PCI/G~~	~~0.04~~			~~3.8~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Cobalt-60~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Lead-210~~	~~2.52~~	~~PCI/G~~	~~0.76~~			~~7.4~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Plutonium-238~~	~~46.05~~	~~PCI/G~~	~~19.83~~			~~55~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Plutonium-238~~	~~38.11~~	~~PCI/G~~	~~0.05~~			~~55~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Plutonium-239/240~~	~~0.09~~	~~PCI/G~~	~~0.02~~			~~62~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Radium-226~~	~~1.35~~	~~PCI/G~~	~~0.81~~			~~2.9~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Thorium-227~~	~~0.11~~	~~PCI/G~~	~~0.02~~			~~20.9~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Thorium-228~~	~~0.67~~	~~PCI/G~~	~~0.06~~			~~2.6~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Thorium-230~~	~~7.64~~	~~PCI/G~~	~~7.64~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Thorium-230~~	~~0.76~~	~~PCI/G~~	~~0.06~~			~~2.8~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Thorium-232~~	~~0.60~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
~~B38~~	~~Thorium-232~~	~~0.54~~	~~PCI/G~~	~~0.27~~			~~2.1~~	~~10/26/2004~~	~~1465063.952~~	~~598018.975~~
B39	Actinium-227	0.30	PCI/G	0.30	U		4.6	10/26/2004	1465018.406	598003.101
B39	Americium-241	0.13	PCI/G	0.07			63	10/26/2004	1465018.406	598003.101
B39	Cesium-137	0.15	PCI/G	0.06			3.8	10/26/2004	1465018.406	598003.101
B39	Cobalt-60	0.09	PCI/G	0.09	U		0.7	10/26/2004	1465018.406	598003.101
B39	Lead-210	1.82	PCI/G	0.76			7.4	10/26/2004	1465018.406	598003.101
B39	Plutonium-238	50.16	PCI/G	0.01			55	10/26/2004	1465018.406	598003.101
B39	Plutonium-238	32.66	PCI/G	19.83			55	10/26/2004	1465018.406	598003.101
B39	Plutonium-239/240	0.16	PCI/G	0.04			62	10/26/2004	1465018.406	598003.101
B39	Radium-226	1.82	PCI/G	0.84			2.9	10/26/2004	1465018.406	598003.101
B39	Thorium-227	0.16	PCI/G	0.05			20.9	10/26/2004	1465018.406	598003.101
B39	Thorium-228	0.88	PCI/G	0.05			2.6	10/26/2004	1465018.406	598003.101
B39	Thorium-230	0.99	PCI/G	0.05			2.8	10/26/2004	1465018.406	598003.101
B39	Thorium-232	0.77	PCI/G	0.02			2.1	10/26/2004	1465018.406	598003.101
~~B40~~	~~Actinium-227~~	~~0.25~~	~~PCI/G~~	~~0.25~~	~~U~~		~~4.6~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Americium-241~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~63~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Cesium-137~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~3.8~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Lead-210~~	~~0.89~~	~~PCI/G~~	~~0.71~~			~~7.4~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Plutonium-238~~	~~24.76~~	~~PCI/G~~	~~0.01~~			~~55~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Plutonium-238~~	~~22.88~~	~~PCI/G~~	~~15.95~~			~~55~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Plutonium-239/240~~	~~0.02~~	~~PCI/G~~	~~0.01~~			~~62~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Radium-226~~	~~1.22~~	~~PCI/G~~	~~0.74~~			~~2.9~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Thorium-227~~	~~0.12~~	~~PCI/G~~	~~0.04~~			~~20.9~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Thorium-228~~	~~0.65~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Thorium-230~~	~~6.18~~	~~PCI/G~~	~~6.18~~	~~U~~		~~2.8~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~

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Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~B40~~	~~Thorium-230~~	~~0.85~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Thorium-232~~	~~0.59~~	~~PCI/G~~	~~0.04~~			~~2.1~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
~~B40~~	~~Thorium-232~~	~~0.46~~	~~PCI/G~~	~~0.26~~			~~2.1~~	~~10/26/2004~~	~~1465012.821~~	~~598016.443~~
B41	Actinium-227	0.28	PCI/G	0.28	U		4.6	10/26/2004	1464954.586	597991.347
B41	Americium-241	0.07	PCI/G	0.07	U		63	10/26/2004	1464954.586	597991.347
B41	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004	1464954.586	597991.347
B41	Cobalt-60	0.07	PCI/G	0.07	U		0.7	10/26/2004	1464954.586	597991.347
B41	Lead-210	1.78	PCI/G	0.67			7.4	10/26/2004	1464954.586	597991.347
B41	Plutonium-238	11.27	PCI/G	0.02			55	10/26/2004	1464954.586	597991.347
B41	Plutonium-239/240	0.04	PCI/G	0.04	U		62	10/26/2004	1464954.586	597991.347
B41	Radium-226	0.83	PCI/G	0.83	U		2.9	10/26/2004	1464954.586	597991.347
B41	Thorium-227	0.09	PCI/G	0.04			20.9	10/26/2004	1464954.586	597991.347
B41	Thorium-228	0.46	PCI/G	0.04			2.6	10/26/2004	1464954.586	597991.347
B41	Thorium-230	0.67	PCI/G	0.04			2.8	10/26/2004	1464954.586	597991.347
B41	Thorium-232	0.44	PCI/G	0.02			2.1	10/26/2004	1464954.586	597991.347
B43	Actinium-227	0.27	PCI/G	0.27	U		4.6	10/26/2004	1464815.482	597955.595
B43	Americium-241	0.07	PCI/G	0.07	U		63	10/26/2004	1464815.482	597955.595
B43	Cesium-137	0.06	PCI/G	0.04			3.8	10/26/2004	1464815.482	597955.595
B43	Cobalt-60	0.08	PCI/G	0.08	U		0.7	10/26/2004	1464815.482	597955.595
B43	Lead-210	1.66	PCI/G	0.63			7.4	10/26/2004	1464815.482	597955.595
B43	Plutonium-238	0.60	PCI/G	0.01			55	10/26/2004	1464815.482	597955.595
B43	Plutonium-239/240	0.01	PCI/G	0.01	U		62	10/26/2004	1464815.482	597955.595
B43	Radium-226	1.30	PCI/G	0.72			2.9	10/26/2004	1464815.482	597955.595
B43	Thorium-227	0.32	PCI/G	0.05			20.9	10/26/2004	1464815.482	597955.595
B43	Thorium-228	0.93	PCI/G	0.15			2.6	10/26/2004	1464815.482	597955.595
B43	Thorium-230	1.17	PCI/G	0.05			2.8	10/26/2004	1464815.482	597955.595
B43	Thorium-232	0.74	PCI/G	0.05			2.1	10/26/2004	1464815.482	597955.595
B44	Actinium-227	0.29	PCI/G	0.29	U		4.6	10/26/2004	1464801.654	597937.726
B44	Americium-241	0.08	PCI/G	0.08	U		63	10/26/2004	1464801.654	597937.726
B44	Cesium-137	0.23	PCI/G	0.06			3.8	10/26/2004	1464801.654	597937.726
B44	Cobalt-60	0.10	PCI/G	0.10	U		0.7	10/26/2004	1464801.654	597937.726
B44	Lead-210	2.07	PCI/G	0.87			7.4	10/26/2004	1464801.654	597937.726
B44	Plutonium-238	9.30	PCI/G	0.01			55	10/26/2004	1464801.654	597937.726
B44	Plutonium-239/240	0.04	PCI/G	0.01			62	10/26/2004	1464801.654	597937.726
B44	Radium-226	1.18	PCI/G	0.93			2.9	10/26/2004	1464801.654	597937.726
B44	Thorium-227	0.32	PCI/G	0.07			20.9	10/26/2004	1464801.654	597937.726
B44	Thorium-228	0.38	PCI/G	0.07			2.6	10/26/2004	1464801.654	597937.726
B44	Thorium-230	0.89	PCI/G	0.07			2.8	10/26/2004	1464801.654	597937.726
B44	Thorium-232	0.78	PCI/G	0.07			2.1	10/26/2004	1464801.654	597937.726
B45	Actinium-227	0.27	PCI/G	0.27	U		4.6	10/26/2004	1464772.594	597939.708
B45	Americium-241	0.07	PCI/G	0.07	U		63	10/26/2004	1464772.594	597939.708
B45	Cesium-137	0.07	PCI/G	0.07			3.8	10/26/2004	1464772.594	597939.708
B45	Cobalt-60	0.08	PCI/G	0.08	U		0.7	10/26/2004	1464772.594	597939.708
B45	Lead-210	1.47	PCI/G	0.77			7.4	10/26/2004	1464772.594	597939.708
B45	Plutonium-238	1.14	PCI/G	0.05			55	10/26/2004	1464772.594	597939.708
B45	Plutonium-239/240	0.02	PCI/G	0.01			62	10/26/2004	1464772.594	597939.708
B45	Radium-226	1.15	PCI/G	0.90			2.9	10/26/2004	1464772.594	597939.708
B45	Thorium-227	0.25	PCI/G	0.05			20.9	10/26/2004	1464772.594	597939.708
B45	Thorium-228	1.14	PCI/G	0.16			2.6	10/26/2004	1464772.594	597939.708
B45	Thorium-230	0.94	PCI/G	0.16			2.8	10/26/2004	1464772.594	597939.708
B45	Thorium-232	1.25	PCI/G	0.05			2.1	10/26/2004	1464772.594	597939.708
B46	Actinium-227	0.31	PCI/G	0.31	U		4.6	10/26/2004	1464777.161	597922.542
B46	Americium-241	0.08	PCI/G	0.08	U		63	10/26/2004	1464777.161	597922.542
B46	Cesium-137	0.07	PCI/G	0.05			3.8	10/26/2004	1464777.161	597922.542
B46	Cobalt-60	0.09	PCI/G	0.09	U		0.7	10/26/2004	1464777.161	597922.542
B46	Lead-210	2.64	PCI/G	0.81			7.4	10/26/2004	1464777.161	597922.542
B46	Plutonium-238	6.74	PCI/G	0.01			55	10/26/2004	1464777.161	597922.542
B46	Plutonium-239/240	0.03	PCI/G	0.01			62	10/26/2004	1464777.161	597922.542
B46	Radium-226	1.78	PCI/G	0.85			2.9	10/26/2004	1464777.161	597922.542
B46	Thorium-227	0.21	PCI/G	0.04			20.9	10/26/2004	1464777.161	597922.542
B46	Thorium-228	0.66	PCI/G	0.04			2.6	10/26/2004	1464777.161	597922.542
B46	Thorium-230	1.07	PCI/G	0.11			2.8	10/26/2004	1464777.161	597922.542
B46	Thorium-232	0.75	PCI/G	0.04			2.1	10/26/2004	1464777.161	597922.542
B47	Actinium-227	0.30	PCI/G	0.30	U		4.6	10/26/2004	1464747.492	597913.239
B47	Americium-241	0.09	PCI/G	0.09	U		63	10/26/2004	1464747.492	597913.239
B47	Cesium-137	0.49	PCI/G	0.06			3.8	10/26/2004	1464747.492	597913.239
B47	Cobalt-60	0.06	PCI/G	0.06	U		0.7	10/26/2004	1464747.492	597913.239
B47	Lead-210	4.43	PCI/G	0.75			7.4	10/26/2004	1464747.492	597913.239
B47	Plutonium-238	3.18	PCI/G	0.05			55	10/26/2004	1464747.492	597913.239
B47	Plutonium-239/240	0.04	PCI/G	0.04	U		62	10/26/2004	1464747.492	597913.239
B47	Radium-226	1.39	PCI/G	0.87			2.9	10/26/2004	1464747.492	597913.239
B47	Thorium-227	0.14	PCI/G	0.01			20.9	10/26/2004	1464747.492	597913.239

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Table 1: Historic and OEPA Results

(shaded are >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Unit	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
B47	Thorium-228	0.95	PCI/G	0.01			2.6	10/26/2004	1464747.492	597913.239
B47	Thorium-230	1.08	PCI/G	0.01			2.8	10/26/2004	1464747.492	597913.239
B47	Thorium-232	0.87	PCI/G	0.01			2.1	10/26/2004	1464747.492	597913.239
B48	Actinium-227	0.34	PCI/G	0.34	U		4.6	10/28/2004	1464572.066	597848.281
B48	Americium-241	0.09	PCI/G	0.09	U		63	10/28/2004	1464572.066	597848.281
B48	Cesium-137	0.44	PCI/G	0.06			3.8	10/28/2004	1464572.066	597848.281
B48	Cobalt-60	0.07	PCI/G	0.07	U		0.7	10/28/2004	1464572.066	597848.281
B48	Lead-210	3.05	PCI/G	0.93			7.4	10/28/2004	1464572.066	597848.281
B48	Plutonium-238	0.91	PCI/G	0.01			55	10/28/2004	1464572.066	597848.281
B48	Plutonium-239/240	0.03	PCI/G	0.01			62	10/28/2004	1464572.066	597848.281
B48	Radium-226	1.94	PCI/G	0.95			2.9	10/28/2004	1464572.066	597848.281
B48	Thorium-227	0.26	PCI/G	0.04			20.9	10/28/2004	1464572.066	597848.281
B48	Thorium-228	0.81	PCI/G	0.04			2.6	10/28/2004	1464572.066	597848.281
B48	Thorium-230	1.29	PCI/G	0.04			2.8	10/28/2004	1464572.066	597848.281
B48	Thorium-232	0.88	PCI/G	0.04			2.1	10/28/2004	1464572.066	597848.281
B49	Actinium-227	0.36	PCI/G	0.36	U		4.6	10/28/2004	1464559.405	597864.691
B49	Americium-241	0.10	PCI/G	0.10	U		63	10/28/2004	1464559.405	597864.691
B49	Cesium-137	0.41	PCI/G	0.07			3.8	10/28/2004	1464559.405	597864.691
B49	Cobalt-60	0.08	PCI/G	0.08	U		0.7	10/28/2004	1464559.405	597864.691
B49	Lead-210	2.30	PCI/G	0.91			7.4	10/28/2004	1464559.405	597864.691
B49	Plutonium-238	2.64	PCI/G	0.01			55	10/28/2004	1464559.405	597864.691
B49	Plutonium-239/240	0.03	PCI/G	0.03	U		62	10/28/2004	1464559.405	597864.691
B49	Radium-226	2.75	PCI/G	0.96			2.9	10/28/2004	1464559.405	597864.691
B49	Thorium-227	0.30	PCI/G	0.15			20.9	10/28/2004	1464559.405	597864.691
B49	Thorium-228	0.91	PCI/G	0.05			2.6	10/28/2004	1464559.405	597864.691
B49	Thorium-230	1.37	PCI/G	0.15			2.8	10/28/2004	1464559.405	597864.691
B49	Thorium-232	1.03	PCI/G	0.05			2.1	10/28/2004	1464559.405	597864.691
B50	Actinium-227	0.20	PCI/G	0.20	U		4.6	10/28/2004	1464584.557	597886.176
B50	Americium-241	0.05	PCI/G	0.05	U		63	10/28/2004	1464584.557	597886.176
B50	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/28/2004	1464584.557	597886.176
B50	Cobalt-60	0.05	PCI/G	0.05	U		0.7	10/28/2004	1464584.557	597886.176
B50	Lead-210	0.49	PCI/G	0.49	U		7.4	10/28/2004	1464584.557	597886.176
B50	Plutonium-238	38.37	PCI/G	0.01			55	10/28/2004	1464584.557	597886.176
B50	Plutonium-239/240	0.11	PCI/G	0.04			62	10/28/2004	1464584.557	597886.176
B50	Radium-226	0.74	PCI/G	0.60			2.9	10/28/2004	1464584.557	597886.176
B50	Thorium-227	0.13	PCI/G	0.04			20.9	10/28/2004	1464584.557	597886.176
B50	Thorium-228	0.70	PCI/G	0.04			2.6	10/28/2004	1464584.557	597886.176
B50	Thorium-230	0.62	PCI/G	0.04			2.8	10/28/2004	1464584.557	597886.176
B50	Thorium-232	0.43	PCI/G	0.01			2.1	10/28/2004	1464584.557	597886.176
B51	Actinium-227	0.20	PCI/G	0.20	U		4.6	10/28/2004	1464604.543	597892.444
B51	Americium-241	0.05	PCI/G	0.05	U		63	10/28/2004	1464604.543	597892.444
B51	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/28/2004	1464604.543	597892.444
B51	Cobalt-60	0.07	PCI/G	0.07	U		0.7	10/28/2004	1464604.543	597892.444
B51	Lead-210	0.81	PCI/G	0.52			7.4	10/28/2004	1464604.543	597892.444
B51	Plutonium-238	27.16	PCI/G	0.05			55	10/28/2004	1464604.543	597892.444
B51	Plutonium-239/240	0.08	PCI/G	0.08	U		62	10/28/2004	1464604.543	597892.444
B51	Radium-226	0.85	PCI/G	0.60			2.9	10/28/2004	1464604.543	597892.444
B51	Thorium-227	0.18	PCI/G	0.01			20.9	10/28/2004	1464604.543	597892.444
B51	Thorium-228	0.70	PCI/G	0.05			2.6	10/28/2004	1464604.543	597892.444
B51	Thorium-230	0.64	PCI/G	0.01			2.8	10/28/2004	1464604.543	597892.444
B51	Thorium-232	0.59	PCI/G	0.01			2.1	10/28/2004	1464604.543	597892.444
~~MND17-6620~~	~~Plutonium-238~~	~~100.00~~	~~PCI/G~~	~~26.00~~			~~55~~	~~04/06/1996~~	~~1464523.800~~	~~597874.820~~
~~MND17-6738~~	~~Plutonium-238~~	~~74.00~~	~~PCI/G~~	~~26.00~~			~~55~~	~~na~~	~~1465042.900~~	~~598026.650~~
~~MND17-6743~~	~~Plutonium-238~~	~~81.00~~	~~PCI/G~~	~~26.00~~			~~55~~	~~na~~	~~1466188.600~~	~~598037.040~~
~~SCR250~~	~~Plutonium-238~~	~~170.00~~	~~PCI/G~~	~~na~~			~~55~~	~~03/19/1988~~	~~1464905.900~~	~~597964.020~~
~~SCR250~~	~~Plutonium-238~~	~~114.00~~	~~PCI/G~~	~~na~~			~~55~~	~~03/19/1988~~	~~1464905.900~~	~~597964.020~~

DL: detection limit
DQ: data qualifier
LQ: lab qualifier
CO: cleanup objective
U: not detected
J: estimated
na: not available
coord: coordinate

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Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-001	Plutonium-238	0.57	PCI/G	0.07			55	01/28/2005	1465484.930	598210.758
PRS67-001	Plutonium-239/240	0.06	PCI/G	0.06	U		62	01/28/2005	1465484.930	598210.758
PRS67-001	Thorium-227	0.17	PCI/G	0.04			20.9	01/28/2005	1465484.930	598210.758
PRS67-001	Thorium-228	0.90	PCI/G	0.05			2.6	01/28/2005	1465484.930	598210.758
PRS67-001	Thorium-230	0.86	PCI/G	0.02			2.8	01/28/2005	1465484.930	598210.758
PRS67-001	Thorium-232	1.02	PCI/G	0.02			2.1	01/28/2005	1465484.930	598210.758
PRS67-002	Plutonium-238	2.70	PCI/G	0.05			55	01/28/2005	1465462.430	598197.768
PRS67-002	Plutonium-239/240	0.05	PCI/G	0.05	U		62	01/28/2005	1465462.430	598197.768
PRS67-002	Thorium-227	0.14	PCI/G	0.04			20.9	01/28/2005	1465462.430	598197.768
PRS67-002	Thorium-228	0.86	PCI/G	0.01			2.6	01/28/2005	1465462.430	598197.768
PRS67-002	Thorium-230	0.95	PCI/G	0.01			2.8	01/28/2005	1465462.430	598197.768
PRS67-002	Thorium-232	0.74	PCI/G	0.01			2.1	01/28/2005	1465462.430	598197.768
PRS67-003	Plutonium-238	12.49	PCI/G	0.04			55	01/28/2005	1465477.430	598197.768
PRS67-003	Plutonium-239/240	0.03	PCI/G	0.02			62	01/28/2005	1465477.430	598197.768
PRS67-003	Thorium-227	0.19	PCI/G	0.01			20.9	01/28/2005	1465477.430	598197.768
PRS67-003	Thorium-228	0.79	PCI/G	0.04			2.6	01/28/2005	1465477.430	598197.768
PRS67-003	Thorium-230	0.83	PCI/G	0.01			2.8	01/28/2005	1465477.430	598197.768
PRS67-003	Thorium-232	0.57	PCI/G	0.01			2.1	01/28/2005	1465477.430	598197.768
PRS67-004	Plutonium-238	26.82	PCI/G	0.04			55	01/28/2005	1465492.430	598197.768
PRS67-004	Plutonium-239/240	0.16	PCI/G	0.02			62	01/28/2005	1465492.430	598197.768
PRS67-004	Thorium-227	0.04	PCI/G	0.02			20.9	01/28/2005	1465492.430	598197.768
PRS67-004	Thorium-228	1.11	PCI/G	0.04			2.6	01/28/2005	1465492.430	598197.768
PRS67-004	Thorium-230	1.12	PCI/G	0.02			2.8	01/28/2005	1465492.430	598197.768
PRS67-004	Thorium-232	0.94	PCI/G	0.02			2.1	01/28/2005	1465492.430	598197.768
PRS67-005	Plutonium-238	0.87	PCI/G	0.05			55	01/28/2005	1465439.930	598184.777
PRS67-005	Plutonium-239/240	0.02	PCI/G	0.01			62	01/28/2005	1465439.930	598184.777
PRS67-005	Thorium-227	0.34	PCI/G	0.04			20.9	01/28/2005	1465439.930	598184.777
PRS67-005	Thorium-228	1.10	PCI/G	0.10			2.6	01/28/2005	1465439.930	598184.777
PRS67-005	Thorium-230	0.83	PCI/G	0.10			2.8	01/28/2005	1465439.930	598184.777
PRS67-005	Thorium-232	0.90	PCI/G	0.04			2.1	01/28/2005	1465439.930	598184.777
PRS67-006	Plutonium-238	28.61	PCI/G	0.02			55	01/28/2005	1465454.930	598184.777
PRS67-006	Plutonium-239/240	0.14	PCI/G	0.02			62	01/28/2005	1465454.930	598184.777
PRS67-006	Thorium-227	0.20	PCI/G	0.04			20.9	01/28/2005	1465454.930	598184.777
PRS67-006	Thorium-228	1.29	PCI/G	0.04			2.6	01/28/2005	1465454.930	598184.777
PRS67-006	Thorium-230	1.01	PCI/G	0.04			2.8	01/28/2005	1465454.930	598184.777
PRS67-006	Thorium-232	1.15	PCI/G	0.04			2.1	01/28/2005	1465454.930	598184.777
~~PRS67-007~~	~~Plutonium-238~~	~~98.13~~	~~PCI/G~~	~~0.02~~			~~55~~	~~01/28/2005~~	~~1465469.930~~	~~598184.777~~
~~PRS67-007~~	~~Plutonium-239/240~~	~~0.28~~	~~PCI/G~~	~~0.02~~			~~62~~	~~01/28/2005~~	~~1465469.930~~	~~598184.777~~
~~PRS67-007~~	~~Thorium-227~~	~~0.21~~	~~PCI/G~~	~~0.03~~			~~20.9~~	~~01/28/2005~~	~~1465469.930~~	~~598184.777~~
~~PRS67-007~~	~~Thorium-228~~	~~1.14~~	~~PCI/G~~	~~0.09~~			~~2.6~~	~~01/28/2005~~	~~1465469.930~~	~~598184.777~~
~~PRS67-007~~	~~Thorium-230~~	~~0.97~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~01/28/2005~~	~~1465469.930~~	~~598184.777~~
~~PRS67-007~~	~~Thorium-232~~	~~0.91~~	~~PCI/G~~	~~0.03~~			~~2.1~~	~~01/28/2005~~	~~1465469.930~~	~~598184.777~~
PRS67-008	Plutonium-238	9.98	PCI/G	0.02			55	01/28/2005	1465484.930	598184.777
PRS67-008	Plutonium-239/240	0.05	PCI/G	0.05			62	01/28/2005	1465484.930	598184.777
PRS67-008	Thorium-227	0.31	PCI/G	0.09			20.9	01/28/2005	1465484.930	598184.777
PRS67-008	Thorium-228	1.12	PCI/G	0.12			2.6	01/28/2005	1465484.930	598184.777
PRS67-008	Thorium-230	1.29	PCI/G	0.09			2.8	01/28/2005	1465484.930	598184.777
PRS67-008	Thorium-232	1.11	PCI/G	0.03			2.1	01/28/2005	1465484.930	598184.777
PRS67-009	Plutonium-238	41.64	PCI/G	0.01			55	01/28/2005	1465432.430	598171.787
PRS67-009	Plutonium-239/240	0.05	PCI/G	0.04			62	01/28/2005	1465432.430	598171.787
PRS67-009	Thorium-227	0.07	PCI/G	0.03			20.9	01/28/2005	1465432.430	598171.787
PRS67-009	Thorium-228	0.75	PCI/G	0.11			2.6	01/28/2005	1465432.430	598171.787
PRS67-009	Thorium-230	0.89	PCI/G	0.09			2.8	01/28/2005	1465432.430	598171.787
PRS67-009	Thorium-232	0.64	PCI/G	0.11			2.1	01/28/2005	1465432.430	598171.787
PRS67-010	Plutonium-238	20.84	PCI/G	0.06			55	01/28/2005	1465447.430	598171.787
PRS67-010	Plutonium-239/240	0.09	PCI/G	0.01			62	01/28/2005	1465447.430	598171.787
PRS67-010	Thorium-227	0.27	PCI/G	0.02			20.9	01/28/2005	1465447.430	598171.787
PRS67-010	Thorium-228	1.14	PCI/G	0.09			2.6	01/28/2005	1465447.430	598171.787
PRS67-010	Thorium-230	1.01	PCI/G	0.02			2.8	01/28/2005	1465447.430	598171.787
PRS67-010	Thorium-232	1.14	PCI/G	0.02			2.1	01/28/2005	1465447.430	598171.787
PRS67-011	Plutonium-238	12.74	PCI/G	0.04			55	01/28/2005	1465462.430	598171.787
PRS67-011	Plutonium-239/240	0.04	PCI/G	0.01			62	01/28/2005	1465462.430	598171.787
PRS67-011	Thorium-227	0.18	PCI/G	0.03			20.9	01/28/2005	1465462.430	598171.787
PRS67-011	Thorium-228	0.92	PCI/G	0.03			2.6	01/28/2005	1465462.430	598171.787
PRS67-011	Thorium-230	0.94	PCI/G	0.03			2.8	01/28/2005	1465462.430	598171.787
PRS67-011	Thorium-232	0.86	PCI/G	0.03			2.1	01/28/2005	1465462.430	598171.787
PRS67-012	Plutonium-238	2.09	PCI/G	0.03			55	01/28/2005	1465477.430	598171.787
PRS67-012	Plutonium-239/240	0.06	PCI/G	0.03			62	01/28/2005	1465477.430	598171.787

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-012	Thorium-227	0.26	PCI/G	0.07			20.9	01/28/2005	1465477.430	598171.787
PRS67-012	Thorium-228	0.88	PCI/G	0.02			2.6	01/28/2005	1465477.430	598171.787
PRS67-012	Thorium-230	1.49	PCI/G	0.02			2.8	01/28/2005	1465477.430	598171.787
PRS67-012	Thorium-232	0.75	PCI/G	0.02			2.1	01/28/2005	1465477.430	598171.787
PRS67-013	Plutonium-238	18.84	PCI/G	0.07			55	01/28/2005	1465424.930	598158.796
PRS67-013	Plutonium-239/240	0.04	PCI/G	0.04			62	01/28/2005	1465424.930	598158.796
PRS67-013	Thorium-227	0.16	PCI/G	0.05			20.9	01/28/2005	1465424.930	598158.796
PRS67-013	Thorium-228	0.86	PCI/G	0.02			2.6	01/28/2005	1465424.930	598158.796
PRS67-013	Thorium-230	1.53	PCI/G	0.05			2.8	01/28/2005	1465424.930	598158.796
PRS67-013	Thorium-232	0.75	PCI/G	0.02			2.1	01/28/2005	1465424.930	598158.796
PRS67-014	Plutonium-238	16.18	PCI/G	0.04			55	01/28/2005	1465439.930	598158.796
PRS67-014	Plutonium-239/240	0.07	PCI/G	0.02			62	01/28/2005	1465439.930	598158.796
PRS67-014	Thorium-227	0.17	PCI/G	0.06			20.9	01/28/2005	1465439.930	598158.796
PRS67-014	Thorium-228	0.77	PCI/G	0.08			2.6	01/28/2005	1465439.930	598158.796
PRS67-014	Thorium-230	0.54	PCI/G	0.02			2.8	01/28/2005	1465439.930	598158.796
PRS67-014	Thorium-232	0.60	PCI/G	0.06			2.1	01/28/2005	1465439.930	598158.796
PRS67-015	Plutonium-238	12.81	PCI/G	0.05			55	01/28/2005	1465454.930	598158.796
PRS67-015	Plutonium-239/240	0.07	PCI/G	0.01			62	01/28/2005	1465454.930	598158.796
PRS67-015	Thorium-227	0.30	PCI/G	0.06			20.9	01/28/2005	1465454.930	598158.796
PRS67-015	Thorium-228	0.86	PCI/G	0.02			2.6	01/28/2005	1465454.930	598158.796
PRS67-015	Thorium-230	1.43	PCI/G	0.02			2.8	01/28/2005	1465454.930	598158.796
PRS67-015	Thorium-232	0.82	PCI/G	0.02			2.1	01/28/2005	1465454.930	598158.796
PRS67-016	Plutonium-238	9.52	PCI/G	0.01			55	01/28/2005	1465469.930	598158.796
PRS67-016	Plutonium-239/240	0.06	PCI/G	0.01			62	01/28/2005	1465469.930	598158.796
PRS67-016	Thorium-227	0.08	PCI/G	0.08	U		20.9	01/28/2005	1465469.930	598158.796
PRS67-016	Thorium-228	1.00	PCI/G	0.12			2.6	01/28/2005	1465469.930	598158.796
PRS67-016	Thorium-230	1.49	PCI/G	0.03			2.8	01/28/2005	1465469.930	598158.796
PRS67-016	Thorium-232	0.94	PCI/G	0.03			2.1	01/28/2005	1465469.930	598158.796
PRS67-017	Plutonium-238	10.00	PCI/G	0.06			55	01/28/2005	1465402.430	598145.806
PRS67-017	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/28/2005	1465402.430	598145.806
PRS67-017	Thorium-227	0.20	PCI/G	0.09			20.9	01/28/2005	1465402.430	598145.806
PRS67-017	Thorium-228	0.71	PCI/G	0.11			2.6	01/28/2005	1465402.430	598145.806
PRS67-017	Thorium-230	0.91	PCI/G	0.03			2.8	01/28/2005	1465402.430	598145.806
PRS67-017	Thorium-232	0.65	PCI/G	0.03			2.1	01/28/2005	1465402.430	598145.806
~~PRS67-018~~	~~Plutonium-238~~	~~49.15~~	~~PCI/G~~	~~0.04~~			~~55~~	~~01/28/2005~~	~~1465417.430~~	~~598145.806~~
~~PRS67-018~~	~~Plutonium-239/240~~	~~0.20~~	~~PCI/G~~	~~0.04~~			~~62~~	~~01/28/2005~~	~~1465417.430~~	~~598145.806~~
~~PRS67-018~~	~~Thorium-227~~	~~0.39~~	~~PCI/G~~	~~0.12~~			~~20.9~~	~~01/28/2005~~	~~1465417.430~~	~~598145.806~~
~~PRS67-018~~	~~Thorium-228~~	~~0.77~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~01/28/2005~~	~~1465417.430~~	~~598145.806~~
~~PRS67-018~~	~~Thorium-230~~	~~3.55~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~01/28/2005~~	~~1465417.430~~	~~598145.806~~
~~PRS67-018~~	~~Thorium-232~~	~~0.59~~	~~PCI/G~~	~~0.04~~			~~2.1~~	~~01/28/2005~~	~~1465417.430~~	~~598145.806~~
PRS67-019	Plutonium-238	21.10	PCI/G	0.04			55	01/28/2005	1465432.430	598145.806
PRS67-019	Plutonium-239/240	0.08	PCI/G	0.02			62	01/28/2005	1465432.430	598145.806
PRS67-019	Thorium-227	0.26	PCI/G	0.04			20.9	01/28/2005	1465432.430	598145.806
PRS67-019	Thorium-228	0.99	PCI/G	0.10			2.6	01/28/2005	1465432.430	598145.806
PRS67-019	Thorium-230	0.71	PCI/G	0.04			2.8	01/28/2005	1465432.430	598145.806
PRS67-019	Thorium-232	0.84	PCI/G	0.04			2.1	01/28/2005	1465432.430	598145.806
~~PRS67-020~~	~~Plutonium-238~~	~~65.67~~	~~PCI/G~~	~~0.40~~			~~55~~	~~01/28/2005~~	~~1465447.430~~	~~598145.806~~
~~PRS67-020~~	~~Plutonium-239/240~~	~~0.23~~	~~PCI/G~~	~~0.02~~			~~62~~	~~01/28/2005~~	~~1465447.430~~	~~598145.806~~
~~PRS67-020~~	~~Thorium-227~~	~~0.33~~	~~PCI/G~~	~~0.06~~			~~20.9~~	~~01/28/2005~~	~~1465447.430~~	~~598145.806~~
~~PRS67-020~~	~~Thorium-228~~	~~1.04~~	~~PCI/G~~	~~0.06~~			~~2.6~~	~~01/28/2005~~	~~1465447.430~~	~~598145.806~~
~~PRS67-020~~	~~Thorium-230~~	~~0.86~~	~~PCI/G~~	~~0.06~~			~~2.8~~	~~01/28/2005~~	~~1465447.430~~	~~598145.806~~
~~PRS67-020~~	~~Thorium-232~~	~~0.91~~	~~PCI/G~~	~~0.06~~			~~2.1~~	~~01/28/2005~~	~~1465447.430~~	~~598145.806~~
PRS67-021	Plutonium-238	16.54	PCI/G	0.04			55	01/28/2005	1465394.930	598132.816
PRS67-021	Plutonium-239/240	0.08	PCI/G	0.01			62	01/28/2005	1465394.930	598132.816
PRS67-021	Thorium-227	0.23	PCI/G	0.06			20.9	01/28/2005	1465394.930	598132.816
PRS67-021	Thorium-228	0.84	PCI/G	0.15			2.6	01/28/2005	1465394.930	598132.816
PRS67-021	Thorium-230	1.15	PCI/G	0.15			2.8	01/28/2005	1465394.930	598132.816
PRS67-021	Thorium-232	0.86	PCI/G	0.06			2.1	01/28/2005	1465394.930	598132.816
PRS67-022	Plutonium-238	18.63	PCI/G	0.02			55	01/28/2005	1465409.930	598132.816
PRS67-022	Plutonium-239/240	0.05	PCI/G	0.02			62	01/28/2005	1465409.930	598132.816
PRS67-022	Thorium-227	0.17	PCI/G	0.03			20.9	01/28/2005	1465409.930	598132.816
PRS67-022	Thorium-228	0.57	PCI/G	0.09			2.6	01/28/2005	1465409.930	598132.816
PRS67-022	Thorium-230	0.89	PCI/G	0.03			2.8	01/28/2005	1465409.930	598132.816
PRS67-022	Thorium-232	0.58	PCI/G	0.03			2.1	01/28/2005	1465409.930	598132.816
~~PRS67-023~~	~~Plutonium-238~~	~~9.14~~	~~PCI/G~~	~~0.01~~			~~55~~	~~01/28/2005~~	~~1465424.930~~	~~598132.816~~
~~PRS67-023~~	~~Plutonium-239/240~~	~~0.02~~	~~PCI/G~~	~~0.01~~			~~62~~	~~01/28/2005~~	~~1465424.930~~	~~598132.816~~
~~PRS67-023~~	~~Thorium-227~~	~~0.23~~	~~PCI/G~~	~~0.10~~			~~20.9~~	~~01/28/2005~~	~~1465424.930~~	~~598132.816~~
~~PRS67-023~~	~~Thorium-228~~	~~0.75~~	~~PCI/G~~	~~0.13~~			~~2.6~~	~~01/28/2005~~	~~1465424.930~~	~~598132.816~~

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~PRS67-023~~	~~Thorium-230~~	~~1.39~~	~~PCI/G~~	~~0.10~~			~~2.8~~	~~01/28/2005~~	~~1465424.930~~	~~598132.816~~
~~PRS67-023~~	~~Thorium-232~~	~~0.77~~	~~PCI/G~~	~~0.04~~			~~2.1~~	~~01/28/2005~~	~~1465424.930~~	~~598132.816~~
~~PRS67-024~~	~~Plutonium-238~~	~~2.43~~	~~PCI/G~~	~~0.02~~			~~55~~	~~01/28/2005~~	~~1465439.930~~	~~598132.816~~
~~PRS67-024~~	~~Plutonium-239/240~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~62~~	~~01/28/2005~~	~~1465439.930~~	~~598132.816~~
~~PRS67-024~~	~~Thorium-227~~	~~0.56~~	~~PCI/G~~	~~0.11~~			~~20.9~~	~~01/28/2005~~	~~1465439.930~~	~~598132.816~~
~~PRS67-024~~	~~Thorium-228~~	~~1.68~~	~~PCI/G~~	~~0.37~~			~~2.6~~	~~01/28/2005~~	~~1465439.930~~	~~598132.816~~
~~PRS67-024~~	~~Thorium-230~~	~~1.44~~	~~PCI/G~~	~~0.29~~			~~2.8~~	~~01/28/2005~~	~~1465439.930~~	~~598132.816~~
~~PRS67-024~~	~~Thorium-232~~	~~1.76~~	~~PCI/G~~	~~0.29~~			~~2.1~~	~~01/28/2005~~	~~1465439.930~~	~~598132.816~~
PRS67-025	Plutonium-238	1.16	PCI/G	0.07			55	01/28/2005	1465372.430	598119.825
PRS67-025	Plutonium-239/240	0.05	PCI/G	0.05	U		62	01/28/2005	1465372.430	598119.825
PRS67-025	Thorium-227	0.13	PCI/G	0.02			20.9	01/28/2005	1465372.430	598119.825
PRS67-025	Thorium-228	0.85	PCI/G	0.02			2.6	01/28/2005	1465372.430	598119.825
PRS67-025	Thorium-230	1.28	PCI/G	0.02			2.8	01/28/2005	1465372.430	598119.825
PRS67-025	Thorium-232	0.89	PCI/G	0.02			2.1	01/28/2005	1465372.430	598119.825
PRS67-026	Plutonium-238	11.59	PCI/G	0.04			55	01/28/2005	1465387.430	598119.825
PRS67-026	Plutonium-239/240	0.06	PCI/G	0.04			62	01/28/2005	1465387.430	598119.825
PRS67-026	Thorium-227	0.09	PCI/G	0.03			20.9	01/28/2005	1465387.430	598119.825
PRS67-026	Thorium-228	0.71	PCI/G	0.03			2.6	01/28/2005	1465387.430	598119.825
PRS67-026	Thorium-230	0.80	PCI/G	0.03			2.8	01/28/2005	1465387.430	598119.825
PRS67-026	Thorium-232	0.64	PCI/G	0.03			2.1	01/28/2005	1465387.430	598119.825
PRS67-027	Plutonium-238	22.38	PCI/G	0.02			55	01/28/2005	1465402.430	598119.825
PRS67-027	Plutonium-239/240	0.03	PCI/G	0.02			62	01/28/2005	1465402.430	598119.825
PRS67-027	Thorium-227	0.16	PCI/G	0.04			20.9	01/28/2005	1465402.430	598119.825
PRS67-027	Thorium-228	0.64	PCI/G	0.04			2.6	01/28/2005	1465402.430	598119.825
PRS67-027	Thorium-230	0.89	PCI/G	0.04			2.8	01/28/2005	1465402.430	598119.825
PRS67-027	Thorium-232	0.57	PCI/G	0.04			2.1	01/28/2005	1465402.430	598119.825
~~PRS67-028~~	~~Plutonium-238~~	~~370.41~~	~~PCI/G~~	~~0.04~~			~~55~~	~~01/28/2005~~	~~1465417.430~~	~~598119.825~~
~~PRS67-028~~	~~Plutonium-239/240~~	~~1.02~~	~~PCI/G~~	~~0.02~~			~~62~~	~~01/28/2005~~	~~1465417.430~~	~~598119.825~~
~~PRS67-028~~	~~Thorium-227~~	~~0.15~~	~~PCI/G~~	~~0.07~~			~~20.9~~	~~01/28/2005~~	~~1465417.430~~	~~598119.825~~
~~PRS67-028~~	~~Thorium-228~~	~~1.09~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~01/28/2005~~	~~1465417.430~~	~~598119.825~~
~~PRS67-028~~	~~Thorium-230~~	~~1.50~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~01/28/2005~~	~~1465417.430~~	~~598119.825~~
~~PRS67-028~~	~~Thorium-232~~	~~0.99~~	~~PCI/G~~	~~0.03~~			~~2.1~~	~~01/28/2005~~	~~1465417.430~~	~~598119.825~~
PRS67-029	**direct/swipe, see RSDS 05-ER-176**									
PRS67-030	**direct/swipe, see RSDS 05-ER-176**									
PRS67-031	Plutonium-238	5.43	PCI/G	0.05			55	01/28/2005	1465394.930	598106.835
PRS67-031	Plutonium-239/240	0.02	PCI/G	0.02	U		62	01/28/2005	1465394.930	598106.835
PRS67-031	Thorium-227	0.16	PCI/G	0.08			20.9	01/28/2005	1465394.930	598106.835
PRS67-031	Thorium-228	0.97	PCI/G	0.03			2.6	01/28/2005	1465394.930	598106.835
PRS67-031	Thorium-230	1.27	PCI/G	0.08			2.8	01/28/2005	1465394.930	598106.835
PRS67-031	Thorium-232	1.00	PCI/G	0.03			2.1	01/28/2005	1465394.930	598106.835
~~PRS67-032~~	~~Plutonium-238~~	~~75.56~~	~~PCI/G~~	~~0.02~~			~~55~~	~~01/28/2005~~	~~1465409.930~~	~~598106.835~~
~~PRS67-032~~	~~Plutonium-239/240~~	~~0.20~~	~~PCI/G~~	~~0.02~~			~~62~~	~~01/28/2005~~	~~1465409.930~~	~~598106.835~~
~~PRS67-032~~	~~Thorium-227~~	~~0.16~~	~~PCI/G~~	~~0.05~~			~~20.9~~	~~01/28/2005~~	~~1465409.930~~	~~598106.835~~
~~PRS67-032~~	~~Thorium-228~~	~~0.89~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~01/28/2005~~	~~1465409.930~~	~~598106.835~~
~~PRS67-032~~	~~Thorium-230~~	~~1.14~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~01/28/2005~~	~~1465409.930~~	~~598106.835~~
~~PRS67-032~~	~~Thorium-232~~	~~0.87~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~01/28/2005~~	~~1465409.930~~	~~598106.835~~
PRS67-033	**direct/swipe, see RSDS 05-ER-176**									
PRS67-034	Plutonium-238	10.15	PCI/G	0.01			55	01/28/2005	1465387.430	598093.845
PRS67-034	Plutonium-239/240	0.03	PCI/G	0.01			62	01/28/2005	1465387.430	598093.845
PRS67-034	Thorium-227	0.09	PCI/G	0.04			20.9	01/28/2005	1465387.430	598093.845
PRS67-034	Thorium-228	0.61	PCI/G	0.01			2.6	01/28/2005	1465387.430	598093.845
PRS67-034	Thorium-230	0.74	PCI/G	0.01			2.8	01/28/2005	1465387.430	598093.845
PRS67-034	Thorium-232	0.63	PCI/G	0.01			2.1	01/28/2005	1465387.430	598093.845
PRS67-035	Plutonium-238	16.14	PCI/G	0.02			55	01/28/2005	1465402.430	598093.845
PRS67-035	Plutonium-239/240	0.07	PCI/G	0.04			62	01/28/2005	1465402.430	598093.845
PRS67-035	Thorium-227	0.15	PCI/G	0.10			20.9	01/28/2005	1465402.430	598093.845
PRS67-035	Thorium-228	0.62	PCI/G	0.15			2.6	01/28/2005	1465402.430	598093.845
PRS67-035	Thorium-230	1.28	PCI/G	0.04			2.8	01/28/2005	1465402.430	598093.845
PRS67-035	Thorium-232	0.54	PCI/G	0.04			2.1	01/28/2005	1465402.430	598093.845
PRS67-036	Plutonium-238	10.91	PCI/G	0.01			55	01/28/2005	1465319.930	598080.854
PRS67-036	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/28/2005	1465319.930	598080.854
PRS67-036	Thorium-227	0.48	PCI/G	0.12			20.9	01/28/2005	1465319.930	598080.854
PRS67-036	Thorium-228	0.54	PCI/G	0.04			2.6	01/28/2005	1465319.930	598080.854
PRS67-036	Thorium-230	0.92	PCI/G	0.04			2.8	01/28/2005	1465319.930	598080.854
PRS67-036	Thorium-232	0.49	PCI/G	0.04			2.1	01/28/2005	1465319.930	598080.854
PRS67-037	Plutonium-238	3.70	PCI/G	0.07			55	01/29/2005	1465334.930	598080.854
PRS67-037	Plutonium-239/240	0.02	PCI/G	0.02	U		62	01/29/2005	1465334.930	598080.854
PRS67-037	Thorium-227	0.36	PCI/G	0.10			20.9	01/29/2005	1465334.930	598080.854

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-037	Thorium-228	0.58	PCI/G	0.04			2.6	01/29/2005	1465334.930	598080.854
PRS67-037	Thorium-230	0.69	PCI/G	0.04			2.8	01/29/2005	1465334.930	598080.854
PRS67-037	Thorium-232	0.57	PCI/G	0.04			2.1	01/29/2005	1465334.930	598080.854
PRS67-038	Plutonium-238	9.30	PCI/G	0.04			55	01/29/2005	1465349.930	598080.854
PRS67-038	Plutonium-239/240	0.03	PCI/G	0.02			62	01/29/2005	1465349.930	598080.854
PRS67-038	Thorium-227	0.18	PCI/G	0.02			20.9	01/29/2005	1465349.930	598080.854
PRS67-038	Thorium-228	0.69	PCI/G	0.05			2.6	01/29/2005	1465349.930	598080.854
PRS67-038	Thorium-230	0.94	PCI/G	0.02			2.8	01/29/2005	1465349.930	598080.854
PRS67-038	Thorium-232	0.61	PCI/G	0.02			2.1	01/29/2005	1465349.930	598080.854
PRS67-039	Plutonium-238	11.27	PCI/G	0.04			55	01/29/2005	1465230.170	598071.279
PRS67-039	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005	1465230.170	598071.279
PRS67-039	Thorium-227	2.14	PCI/G	0.13			20.9	01/29/2005	1465230.170	598071.279
PRS67-039	Thorium-228	0.93	PCI/G	0.34			2.6	01/29/2005	1465230.170	598071.279
PRS67-039	Thorium-230	0.70	PCI/G	0.13			2.8	01/29/2005	1465230.170	598071.279
PRS67-039	Thorium-232	1.67	PCI/G	0.13			2.1	01/29/2005	1465230.170	598071.279
PRS67-040	Plutonium-238	0.21	PCI/G	0.07			55	01/29/2005	1465245.170	598071.279
PRS67-040	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005	1465245.170	598071.279
PRS67-040	Thorium-227	0.28	PCI/G	0.02			20.9	01/29/2005	1465245.170	598071.279
PRS67-040	Thorium-228	0.33	PCI/G	0.02			2.6	01/29/2005	1465245.170	598071.279
PRS67-040	Thorium-230	0.77	PCI/G	0.07			2.8	01/29/2005	1465245.170	598071.279
PRS67-040	Thorium-232	0.34	PCI/G	0.02			2.1	01/29/2005	1465245.170	598071.279
PRS67-041	Plutonium-238	24.00	PCI/G	0.04			55	01/29/2005	1465267.430	598067.864
PRS67-041	Plutonium-239/240	0.06	PCI/G	0.02			62	01/29/2005	1465267.430	598067.864
PRS67-041	Thorium-227	0.50	PCI/G	0.06			20.9	01/29/2005	1465267.430	598067.864
PRS67-041	Thorium-228	1.02	PCI/G	0.17			2.6	01/29/2005	1465267.430	598067.864
PRS67-041	Thorium-230	0.97	PCI/G	0.06			2.8	01/29/2005	1465267.430	598067.864
PRS67-041	Thorium-232	0.64	PCI/G	0.06			2.1	01/29/2005	1465267.430	598067.864
PRS67-042	Plutonium-238	28.47	PCI/G	0.04			55	01/29/2005	1465282.430	598067.864
PRS67-042	Plutonium-239/240	0.11	PCI/G	0.02			62	01/29/2005	1465282.430	598067.864
PRS67-042	Thorium-227	0.60	PCI/G	0.21			20.9	01/29/2005	1465282.430	598067.864
PRS67-042	Thorium-228	0.37	PCI/G	0.26			2.6	01/29/2005	1465282.430	598067.864
PRS67-042	Thorium-230	0.99	PCI/G	0.21			2.8	01/29/2005	1465282.430	598067.864
PRS67-042	Thorium-232	0.54	PCI/G	0.08			2.1	01/29/2005	1465282.430	598067.864
PRS67-043	Plutonium-238	5.64	PCI/G	0.02			55	01/29/2005	1465297.430	598067.864
PRS67-043	Plutonium-239/240	0.02	PCI/G	0.02	U		62	01/29/2005	1465297.430	598067.864
PRS67-043	Thorium-227	0.17	PCI/G	0.02			20.9	01/29/2005	1465297.430	598067.864
PRS67-043	Thorium-228	0.45	PCI/G	0.05			2.6	01/29/2005	1465297.430	598067.864
PRS67-043	Thorium-230	0.58	PCI/G	0.05			2.8	01/29/2005	1465297.430	598067.864
PRS67-043	Thorium-232	0.38	PCI/G	0.05			2.1	01/29/2005	1465297.430	598067.864
~~PRS67-044~~	~~Plutonium-238~~	~~113.86~~	~~PCI/G~~	~~0.06~~			~~55~~	~~01/29/2005~~	~~1465312.430~~	~~598067.864~~
~~PRS67-044~~	~~Plutonium-239/240~~	~~0.63~~	~~PCI/G~~	~~0.04~~			~~62~~	~~01/29/2005~~	~~1465312.430~~	~~598067.864~~
~~PRS67-044~~	~~Thorium-227~~	~~0.76~~	~~PCI/G~~	~~0.11~~			~~20.9~~	~~01/29/2005~~	~~1465312.430~~	~~598067.864~~
~~PRS67-044~~	~~Thorium-228~~	~~2.64~~	~~PCI/G~~	~~0.11~~			~~2.6~~	~~01/29/2005~~	~~1465312.430~~	~~598067.864~~
~~PRS67-044~~	~~Thorium-230~~	~~0.88~~	~~PCI/G~~	~~0.11~~			~~2.8~~	~~01/29/2005~~	~~1465312.430~~	~~598067.864~~
~~PRS67-044~~	~~Thorium-232~~	~~2.40~~	~~PCI/G~~	~~0.11~~			~~2.1~~	~~01/29/2005~~	~~1465312.430~~	~~598067.864~~
PRS67-045	Plutonium-238	25.52	PCI/G	0.03			55	01/29/2005	1465327.430	598067.864
PRS67-045	Plutonium-239/240	0.12	PCI/G	0.03			62	01/29/2005	1465327.430	598067.864
PRS67-045	Thorium-227	0.26	PCI/G	0.04			20.9	01/29/2005	1465327.430	598067.864
PRS67-045	Thorium-228	0.73	PCI/G	0.04			2.6	01/29/2005	1465327.430	598067.864
PRS67-045	Thorium-230	0.99	PCI/G	0.04			2.8	01/29/2005	1465327.430	598067.864
PRS67-045	Thorium-232	0.54	PCI/G	0.04			2.1	01/29/2005	1465327.430	598067.864
PRS67-046	Plutonium-238	16.03	PCI/G	0.05			55	01/29/2005	1465342.430	598067.864
PRS67-046	Plutonium-239/240	0.06	PCI/G	0.02			62	01/29/2005	1465342.430	598067.864
PRS67-046	Thorium-227	0.22	PCI/G	0.03			20.9	01/29/2005	1465342.430	598067.864
PRS67-046	Thorium-228	0.88	PCI/G	0.03			2.6	01/29/2005	1465342.430	598067.864
PRS67-046	Thorium-230	2.10	PCI/G	0.08			2.8	01/29/2005	1465342.430	598067.864
PRS67-046	Thorium-232	0.91	PCI/G	0.03			2.1	01/29/2005	1465342.430	598067.864
PRS67-047	Plutonium-238	16.98	PCI/G	0.04			55	01/29/2005	1465274.930	598054.873
PRS67-047	Plutonium-239/240	0.04	PCI/G	0.01			62	01/29/2005	1465274.930	598054.873
PRS67-047	Thorium-227	0.14	PCI/G	0.05			20.9	01/29/2005	1465274.930	598054.873
PRS67-047	Thorium-228	0.80	PCI/G	0.02			2.6	01/29/2005	1465274.930	598054.873
PRS67-047	Thorium-230	0.79	PCI/G	0.02			2.8	01/29/2005	1465274.930	598054.873
PRS67-047	Thorium-232	0.76	PCI/G	0.02			2.1	01/29/2005	1465274.930	598054.873
PRS67-048	Plutonium-238	19.62	PCI/G	0.05			55	01/29/2005	1465289.930	598054.873
PRS67-048	Plutonium-239/240	0.05	PCI/G	0.01			62	01/29/2005	1465289.930	598054.873
PRS67-048	Thorium-227	0.14	PCI/G	0.06			20.9	01/29/2005	1465289.930	598054.873
PRS67-048	Thorium-228	0.92	PCI/G	0.02			2.6	01/29/2005	1465289.930	598054.873

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-048	Thorium-230	1.03	PCI/G	0.06			2.8	01/29/2005	1465289.930	598054.873
PRS67-048	Thorium-232	0.89	PCI/G	0.02			2.1	01/29/2005	1465289.930	598054.873
PRS67-049	Plutonium-238	0.66	PCI/G	0.04			55	01/29/2005	1465304.930	598054.873
PRS67-049	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005	1465304.930	598054.873
PRS67-049	Thorium-227	0.11	PCI/G	0.07			20.9	01/29/2005	1465304.930	598054.873
PRS67-049	Thorium-228	0.86	PCI/G	0.09			2.6	01/29/2005	1465304.930	598054.873
PRS67-049	Thorium-230	1.27	PCI/G	0.03			2.8	01/29/2005	1465304.930	598054.873
PRS67-049	Thorium-232	0.97	PCI/G	0.07			2.1	01/29/2005	1465304.930	598054.873
PRS67-050	Plutonium-238	1.23	PCI/G	0.02			55	01/29/2005	1465319.930	598054.873
PRS67-050	Plutonium-239/240	0.02	PCI/G	0.02			62	01/29/2005	1465319.930	598054.873
PRS67-050	Thorium-227	0.19	PCI/G	0.07			20.9	01/29/2005	1465319.930	598054.873
PRS67-050	Thorium-228	1.06	PCI/G	0.03			2.6	01/29/2005	1465319.930	598054.873
PRS67-050	Thorium-230	1.66	PCI/G	0.03			2.8	01/29/2005	1465319.930	598054.873
PRS67-050	Thorium-232	0.94	PCI/G	0.03			2.1	01/29/2005	1465319.930	598054.873
PRS67-051	Plutonium-238	0.94	PCI/G	0.01			55	01/29/2005	1465072.670	598058.289
PRS67-051	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005	1465072.670	598058.289
PRS67-051	Thorium-227	0.27	PCI/G	0.15			20.9	01/29/2005	1465072.670	598058.289
PRS67-051	Thorium-228	0.68	PCI/G	0.22			2.6	01/29/2005	1465072.670	598058.289
PRS67-051	Thorium-230	1.08	PCI/G	0.06			2.8	01/29/2005	1465072.670	598058.289
PRS67-051	Thorium-232	0.54	PCI/G	0.06			2.1	01/29/2005	1465072.670	598058.289
PRS67-052	Plutonium-238	8.97	PCI/G	0.06			55	01/29/2005	1465087.670	598058.289
PRS67-052	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005	1465087.670	598058.289
PRS67-052	Thorium-227	0.33	PCI/G	0.05			20.9	01/29/2005	1465087.670	598058.289
PRS67-052	Thorium-228	0.73	PCI/G	0.05			2.6	01/29/2005	1465087.670	598058.289
PRS67-052	Thorium-230	0.85	PCI/G	0.05			2.8	01/29/2005	1465087.670	598058.289
PRS67-052	Thorium-232	0.61	PCI/G	0.14			2.1	01/29/2005	1465087.670	598058.289
PRS67-053	Plutonium-238	2.32	PCI/G	0.04			55	01/29/2005	1465102.670	598058.289
PRS67-053	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005	1465102.670	598058.289
PRS67-053	Thorium-227	0.17	PCI/G	0.05			20.9	01/29/2005	1465102.670	598058.289
PRS67-053	Thorium-228	0.70	PCI/G	0.05			2.6	01/29/2005	1465102.670	598058.289
PRS67-053	Thorium-230	1.41	PCI/G	0.05			2.8	01/29/2005	1465102.670	598058.289
PRS67-053	Thorium-232	0.69	PCI/G	0.02			2.1	01/29/2005	1465102.670	598058.289
PRS67-054	Plutonium-238	7.84	PCI/G	0.04			55	01/29/2005	1465117.670	598058.289
PRS67-054	Plutonium-239/240	0.05	PCI/G	0.02			62	01/29/2005	1465117.670	598058.289
PRS67-054	Thorium-227	0.24	PCI/G	0.03			20.9	01/29/2005	1465117.670	598058.289
PRS67-054	Thorium-228	0.62	PCI/G	0.03			2.6	01/29/2005	1465117.670	598058.289
PRS67-054	Thorium-230	0.79	PCI/G	0.08			2.8	01/29/2005	1465117.670	598058.289
PRS67-054	Thorium-232	0.60	PCI/G	0.08			2.1	01/29/2005	1465117.670	598058.289
PRS67-055	Plutonium-238	0.80	PCI/G	0.04			55	01/29/2005	1465132.670	598058.289
PRS67-055	Plutonium-239/240	0.05	PCI/G	0.02			62	01/29/2005	1465132.670	598058.289
PRS67-055	Thorium-227	0.36	PCI/G	0.15			20.9	01/29/2005	1465132.670	598058.289
PRS67-055	Thorium-228	0.77	PCI/G	0.05			2.6	01/29/2005	1465132.670	598058.289
PRS67-055	Thorium-230	0.57	PCI/G	0.05			2.8	01/29/2005	1465132.670	598058.289
PRS67-055	Thorium-232	0.63	PCI/G	0.05			2.1	01/29/2005	1465132.670	598058.289
PRS67-056	Plutonium-238	0.40	PCI/G	0.08			55	01/29/2005	1465147.670	598058.289
PRS67-056	Plutonium-239/240	0.02	PCI/G	0.02	U		62	01/29/2005	1465147.670	598058.289
PRS67-056	Thorium-227	0.19	PCI/G	0.04			20.9	01/29/2005	1465147.670	598058.289
PRS67-056	Thorium-228	0.98	PCI/G	0.04			2.6	01/29/2005	1465147.670	598058.289
PRS67-056	Thorium-230	1.09	PCI/G	0.04			2.8	01/29/2005	1465147.670	598058.289
PRS67-056	Thorium-232	1.03	PCI/G	0.04			2.1	01/29/2005	1465147.670	598058.289
PRS67-057	Plutonium-238	0.66	PCI/G	0.02			55	01/29/2005	1465162.670	598058.289
PRS67-057	Plutonium-239/240	0.02	PCI/G	0.02	U		62	01/29/2005	1465162.670	598058.289
PRS67-057	Thorium-227	0.16	PCI/G	0.15			20.9	01/29/2005	1465162.670	598058.289
PRS67-057	Thorium-228	0.99	PCI/G	0.05			2.6	01/29/2005	1465162.670	598058.289
PRS67-057	Thorium-230	1.13	PCI/G	0.05			2.8	01/29/2005	1465162.670	598058.289
PRS67-057	Thorium-232	0.75	PCI/G	0.05			2.1	01/29/2005	1465162.670	598058.289
PRS67-058	Plutonium-238	17.62	PCI/G	0.10			55	01/29/2005	1465177.670	598058.289
PRS67-058	Plutonium-239/240	0.07	PCI/G	0.01			62	01/29/2005	1465177.670	598058.289
PRS67-058	Thorium-227	0.32	PCI/G	0.02			20.9	01/29/2005	1465177.670	598058.289
PRS67-058	Thorium-228	0.98	PCI/G	0.07			2.6	01/29/2005	1465177.670	598058.289
PRS67-058	Thorium-230	1.03	PCI/G	0.02			2.8	01/29/2005	1465177.670	598058.289
PRS67-058	Thorium-232	0.97	PCI/G	0.02			2.1	01/29/2005	1465177.670	598058.289
PRS67-059	Plutonium-238	33.56	PCI/G	0.01			55	01/29/2005	1465192.670	598058.289
PRS67-059	Plutonium-239/240	0.08	PCI/G	0.04			62	01/29/2005	1465192.670	598058.289
PRS67-059	Thorium-227	0.40	PCI/G	0.07			20.9	01/29/2005	1465192.670	598058.289
PRS67-059	Thorium-228	1.19	PCI/G	0.07			2.6	01/29/2005	1465192.670	598058.289
PRS67-059	Thorium-230	1.01	PCI/G	0.19			2.8	01/29/2005	1465192.670	598058.289

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-059	Thorium-232	1.11	PCI/G	0.07			2.1	01/29/2005	1465192.670	598058.289
PRS67-060	Plutonium-238	24.82	PCI/G	0.07			55	01/29/2005	1465207.670	598058.289
PRS67-060	Plutonium-239/240	0.07	PCI/G	0.04			62	01/29/2005	1465207.670	598058.289
PRS67-060	Thorium-227	0.22	PCI/G	0.10			20.9	01/29/2005	1465207.670	598058.289
PRS67-060	Thorium-228	0.79	PCI/G	0.15			2.6	01/29/2005	1465207.670	598058.289
PRS67-060	Thorium-230	0.98	PCI/G	0.04			2.8	01/29/2005	1465207.670	598058.289
PRS67-060	Thorium-232	0.98	PCI/G	0.04			2.1	01/29/2005	1465207.670	598058.289
PRS67-061	Plutonium-238	13.35	PCI/G	0.04			55	01/29/2005	1465222.670	598058.289
PRS67-061	Plutonium-239/240	0.07	PCI/G	0.04			62	01/29/2005	1465222.670	598058.289
PRS67-061	Thorium-227	0.14	PCI/G	0.08			20.9	01/29/2005	1465222.670	598058.289
PRS67-061	Thorium-228	0.67	PCI/G	0.03			2.6	01/29/2005	1465222.670	598058.289
PRS67-061	Thorium-230	0.79	PCI/G	0.03			2.8	01/29/2005	1465222.670	598058.289
PRS67-061	Thorium-232	0.46	PCI/G	0.03			2.1	01/29/2005	1465222.670	598058.289
PRS67-062	Plutonium-238	6.26	PCI/G	0.04			55	01/29/2005	1465237.670	598058.289
PRS67-062	Plutonium-239/240	0.04	PCI/G	0.02			62	01/29/2005	1465237.670	598058.289
PRS67-062	Thorium-227	0.13	PCI/G	0.02			20.9	01/29/2005	1465237.670	598058.289
PRS67-062	Thorium-228	0.44	PCI/G	0.06			2.6	01/29/2005	1465237.670	598058.289
PRS67-062	Thorium-230	0.74	PCI/G	0.02			2.8	01/29/2005	1465237.670	598058.289
PRS67-062	Thorium-232	0.43	PCI/G	0.02			2.1	01/29/2005	1465237.670	598058.289
PRS67-063	Plutonium-238	1.23	PCI/G	0.03			55	01/31/2005	1465035.170	598045.299
PRS67-063	Plutonium-239/240	0.01	PCI/G	0.01	U		62	01/31/2005	1465035.170	598045.299
PRS67-063	Thorium-227	0.09	PCI/G	0.02			20.9	01/31/2005	1465035.170	598045.299
PRS67-063	Thorium-228	0.33	PCI/G	0.04			2.6	01/31/2005	1465035.170	598045.299
PRS67-063	Thorium-230	0.55	PCI/G	0.02			2.8	01/31/2005	1465035.170	598045.299
PRS67-063	Thorium-232	0.35	PCI/G	0.02			2.1	01/31/2005	1465035.170	598045.299
PRS67-064	Plutonium-238	5.92	PCI/G	0.06			55	01/31/2005	1465050.170	598045.299
PRS67-064	Plutonium-239/240	0.02	PCI/G	0.02			62	01/31/2005	1465050.170	598045.299
PRS67-064	Thorium-227	0.08	PCI/G	0.02			20.9	01/31/2005	1465050.170	598045.299
PRS67-064	Thorium-228	0.46	PCI/G	0.05			2.6	01/31/2005	1465050.170	598045.299
PRS67-064	Thorium-230	0.71	PCI/G	0.06			2.8	01/31/2005	1465050.170	598045.299
PRS67-064	Thorium-232	0.31	PCI/G	0.02			2.1	01/31/2005	1465050.170	598045.299
PRS67-065	Plutonium-238	0.90	PCI/G	0.03			55	01/31/2005	1465065.170	598045.299
PRS67-065	Plutonium-239/240	0.04	PCI/G	0.03			62	01/31/2005	1465065.170	598045.299
PRS67-065	Thorium-227	0.25	PCI/G	0.06			20.9	01/31/2005	1465065.170	598045.299
PRS67-065	Thorium-228	1.40	PCI/G	0.15			2.6	01/31/2005	1465065.170	598045.299
PRS67-065	Thorium-230	1.19	PCI/G	0.06			2.8	01/31/2005	1465065.170	598045.299
PRS67-065	Thorium-232	1.42	PCI/G	0.06			2.1	01/31/2005	1465065.170	598045.299
PRS67-066	Plutonium-238	0.79	PCI/G	0.01			55	01/31/2005	1465080.170	598045.299
PRS67-066	Plutonium-239/240	0.04	PCI/G	0.01			62	01/31/2005	1465080.170	598045.299
PRS67-066	Thorium-227	0.14	PCI/G	0.07			20.9	01/31/2005	1465080.170	598045.299
PRS67-066	Thorium-228	0.93	PCI/G	0.09			2.6	01/31/2005	1465080.170	598045.299
PRS67-066	Thorium-230	0.98	PCI/G	0.07			2.8	01/31/2005	1465080.170	598045.299
PRS67-066	Thorium-232	0.99	PCI/G	0.03			2.1	01/31/2005	1465080.170	598045.299
PRS67-067	Plutonium-238	17.08	PCI/G	0.01			55	01/31/2005	1465095.170	598045.299
PRS67-067	Plutonium-239/240	0.04	PCI/G	0.04			62	01/31/2005	1465095.170	598045.299
PRS67-067	Thorium-227	0.17	PCI/G	0.03			20.9	01/31/2005	1465095.170	598045.299
PRS67-067	Thorium-228	0.98	PCI/G	0.09			2.6	01/31/2005	1465095.170	598045.299
PRS67-067	Thorium-230	1.06	PCI/G	0.08			2.8	01/31/2005	1465095.170	598045.299
PRS67-067	Thorium-232	0.93	PCI/G	0.08			2.1	01/31/2005	1465095.170	598045.299
PRS67-068	Plutonium-238	2.50	PCI/G	0.02			55	01/31/2005	1465110.170	598045.299
PRS67-068	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/31/2005	1465110.170	598045.299
PRS67-068	Thorium-227	0.18	PCI/G	0.03			20.9	01/31/2005	1465110.170	598045.299
PRS67-068	Thorium-228	0.80	PCI/G	0.03			2.6	01/31/2005	1465110.170	598045.299
PRS67-068	Thorium-230	0.74	PCI/G	0.03			2.8	01/31/2005	1465110.170	598045.299
PRS67-068	Thorium-232	0.82	PCI/G	0.03			2.1	01/31/2005	1465110.170	598045.299
PRS67-069	Plutonium-238	23.15	PCI/G	0.09			55	01/31/2005	1465125.170	598045.299
PRS67-069	Plutonium-239/240	0.11	PCI/G	0.02			62	01/31/2005	1465125.170	598045.299
PRS67-069	Thorium-227	0.40	PCI/G	0.08			20.9	01/31/2005	1465125.170	598045.299
PRS67-069	Thorium-228	1.11	PCI/G	0.26			2.6	01/31/2005	1465125.170	598045.299
PRS67-069	Thorium-230	0.85	PCI/G	0.08			2.8	01/31/2005	1465125.170	598045.299
PRS67-069	Thorium-232	1.02	PCI/G	0.08			2.1	01/31/2005	1465125.170	598045.299
~~PRS67-070~~	~~Plutonium-238~~	~~167.43~~	~~PCI/G~~	~~0.09~~			~~55~~	~~01/31/2005~~	~~1465140.170~~	~~598045.299~~
~~PRS67-070~~	~~Plutonium-239/240~~	~~0.12~~	~~PCI/G~~	~~0.03~~			~~62~~	~~01/31/2005~~	~~1465140.170~~	~~598045.299~~
~~PRS67-070~~	~~Thorium-227~~	~~0.36~~	~~PCI/G~~	~~0.05~~			~~20.9~~	~~01/31/2005~~	~~1465140.170~~	~~598045.299~~
~~PRS67-070~~	~~Thorium-228~~	~~1.44~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~01/31/2005~~	~~1465140.170~~	~~598045.299~~
~~PRS67-070~~	~~Thorium-230~~	~~3.35~~	~~PCI/G~~	~~0.05~~			~~2.8~~	~~01/31/2005~~	~~1465140.170~~	~~598045.299~~
~~PRS67-070~~	~~Thorium-232~~	~~1.42~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~01/31/2005~~	~~1465140.170~~	~~598045.299~~
~~PRS67-071~~	~~Plutonium-238~~	~~54.20~~	~~PCI/G~~	~~0.06~~			~~55~~	~~01/31/2005~~	~~1465155.170~~	~~598045.299~~

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~PRS67-071~~	~~Plutonium-239/240~~	~~0.10~~	~~PCI/G~~	~~0.02~~			~~62~~	~~01/31/2005~~	~~1465155.170~~	~~598045.299~~
~~PRS67-071~~	~~Thorium-227~~	~~0.40~~	~~PCI/G~~	~~0.13~~			~~20.9~~	~~01/31/2005~~	~~1465155.170~~	~~598045.299~~
~~PRS67-071~~	~~Thorium-228~~	~~1.43~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~01/31/2005~~	~~1465155.170~~	~~598045.299~~
~~PRS67-071~~	~~Thorium-230~~	~~1.14~~	~~PCI/G~~	~~0.05~~			~~2.8~~	~~01/31/2005~~	~~1465155.170~~	~~598045.299~~
~~PRS67-071~~	~~Thorium-232~~	~~1.27~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~01/31/2005~~	~~1465155.170~~	~~598045.299~~
~~PRS67-072~~	~~Plutonium-238~~	~~88.73~~	~~PCI/G~~	~~0.09~~			~~55~~	~~01/31/2005~~	~~1465170.170~~	~~598045.299~~
~~PRS67-072~~	~~Plutonium-239/240~~	~~0.20~~	~~PCI/G~~	~~0.05~~			~~62~~	~~01/31/2005~~	~~1465170.170~~	~~598045.299~~
~~PRS67-072~~	~~Thorium-227~~	~~0.14~~	~~PCI/G~~	~~0.07~~			~~20.9~~	~~01/31/2005~~	~~1465170.170~~	~~598045.299~~
~~PRS67-072~~	~~Thorium-228~~	~~0.85~~	~~PCI/G~~	~~0.02~~			~~2.6~~	~~01/31/2005~~	~~1465170.170~~	~~598045.299~~
~~PRS67-072~~	~~Thorium-230~~	~~0.86~~	~~PCI/G~~	~~0.07~~			~~2.8~~	~~01/31/2005~~	~~1465170.170~~	~~598045.299~~
~~PRS67-072~~	~~Thorium-232~~	~~0.74~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~01/31/2005~~	~~1465170.170~~	~~598045.299~~
~~PRS67-073~~	~~Plutonium-238~~	~~156.76~~	~~PCI/G~~	~~0.05~~			~~55~~	~~01/31/2005~~	~~1465185.170~~	~~598045.299~~
~~PRS67-073~~	~~Plutonium-239/240~~	~~0.46~~	~~PCI/G~~	~~0.02~~			~~62~~	~~01/31/2005~~	~~1465185.170~~	~~598045.299~~
~~PRS67-073~~	~~Thorium-227~~	~~0.29~~	~~PCI/G~~	~~0.10~~			~~20.9~~	~~01/31/2005~~	~~1465185.170~~	~~598045.299~~
~~PRS67-073~~	~~Thorium-228~~	~~1.03~~	~~PCI/G~~	~~0.10~~			~~2.6~~	~~01/31/2005~~	~~1465185.170~~	~~598045.299~~
~~PRS67-073~~	~~Thorium-230~~	~~2.51~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~01/31/2005~~	~~1465185.170~~	~~598045.299~~
~~PRS67-073~~	~~Thorium-232~~	~~0.81~~	~~PCI/G~~	~~0.10~~			~~2.1~~	~~01/31/2005~~	~~1465185.170~~	~~598045.299~~
PRS67-074	Plutonium-238	40.76	PCI/G	0.07			55	01/31/2005	1465200.170	598045.299
PRS67-074	Plutonium-239/240	0.14	PCI/G	0.02			62	01/31/2005	1465200.170	598045.299
PRS67-074	Thorium-227	0.25	PCI/G	0.12			20.9	01/31/2005	1465200.170	598045.299
PRS67-074	Thorium-228	0.58	PCI/G	0.12			2.6	01/31/2005	1465200.170	598045.299
PRS67-074	Thorium-230	0.71	PCI/G	0.05			2.8	01/31/2005	1465200.170	598045.299
PRS67-074	Thorium-232	0.68	PCI/G	0.05			2.1	01/31/2005	1465200.170	598045.299
PRS67-075	Plutonium-238	16.60	PCI/G	0.02			55	01/31/2005	1465215.170	598045.299
PRS67-075	Plutonium-239/240	0.06	PCI/G	0.02			62	01/31/2005	1465215.170	598045.299
PRS67-075	Thorium-227	0.22	PCI/G	0.12			20.9	01/31/2005	1465215.170	598045.299
PRS67-075	Thorium-228	0.59	PCI/G	0.12			2.6	01/31/2005	1465215.170	598045.299
PRS67-075	Thorium-230	0.77	PCI/G	0.05			2.8	01/31/2005	1465215.170	598045.299
PRS67-075	Thorium-232	0.57	PCI/G	0.05			2.1	01/31/2005	1465215.170	598045.299
PRS67-076	Plutonium-238	9.70	PCI/G	0.03			55	02/02/2005	1465230.170	598045.299
PRS67-076	Plutonium-239/240	0.46	PCI/G	0.02			62	02/02/2005	1465230.170	598045.299
PRS67-076	Thorium-228	1.49	PCI/G	0.03			2.6	02/02/2005	1465230.170	598045.299
PRS67-076	Thorium-230	0.94	PCI/G	0.02			2.8	02/02/2005	1465230.170	598045.299
PRS67-076	Thorium-232	1.20	PCI/G	0.02			2.1	02/02/2005	1465230.170	598045.299
PRS67-077	Plutonium-238	11.00	PCI/G	0.03			55	02/02/2005	1465245.170	598045.299
PRS67-077	Plutonium-239/240	0.12	PCI/G	0.02			62	02/02/2005	1465245.170	598045.299
PRS67-077	Thorium-228	0.48	PCI/G	0.03			2.6	02/02/2005	1465245.170	598045.299
PRS67-077	Thorium-230	0.71	PCI/G	0.02			2.8	02/02/2005	1465245.170	598045.299
PRS67-077	Thorium-232	0.38	PCI/G	0.02			2.1	02/02/2005	1465245.170	598045.299
PRS67-078	Plutonium-238	2.55	PCI/G	0.04			55	02/02/2005	1464967.670	598032.308
PRS67-078	Plutonium-239/240	0.04	PCI/G	0.02	J		62	02/02/2005	1464967.670	598032.308
PRS67-078	Thorium-228	0.43	PCI/G	0.05			2.6	02/02/2005	1464967.670	598032.308
PRS67-078	Thorium-230	0.62	PCI/G	0.02			2.8	02/02/2005	1464967.670	598032.308
PRS67-078	Thorium-232	0.35	PCI/G	0.02			2.1	02/02/2005	1464967.670	598032.308
PRS67-079	Plutonium-238	2.10	PCI/G	0.04			55	02/02/2005	1464982.670	598032.308
PRS67-079	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/02/2005	1464982.670	598032.308
PRS67-079	Thorium-228	0.38	PCI/G	0.05			2.6	02/02/2005	1464982.670	598032.308
PRS67-079	Thorium-230	0.56	PCI/G	0.02			2.8	02/02/2005	1464982.670	598032.308
PRS67-079	Thorium-232	0.37	PCI/G	0.01			2.1	02/02/2005	1464982.670	598032.308
PRS67-080	Plutonium-238	28.30	PCI/G	0.04			55	02/02/2005	1464997.670	598032.308
PRS67-080	Plutonium-239/240	0.32	PCI/G	0.03			62	02/02/2005	1464997.670	598032.308
PRS67-080	Thorium-228	1.01	PCI/G	0.03			2.6	02/02/2005	1464997.670	598032.308
PRS67-080	Thorium-230	0.83	PCI/G	0.02			2.8	02/02/2005	1464997.670	598032.308
PRS67-080	Thorium-232	0.68	PCI/G	0.02			2.1	02/02/2005	1464997.670	598032.308
PRS67-081	Plutonium-238	1.16	PCI/G	0.01			55	02/02/2005	1465012.670	598032.308
PRS67-081	Plutonium-239/240	0.03	PCI/G	0.01	J		62	02/02/2005	1465012.670	598032.308
PRS67-081	Thorium-228	0.80	PCI/G	0.04			2.6	02/02/2005	1465012.670	598032.308
PRS67-081	Thorium-230	0.83	PCI/G	0.01			2.8	02/02/2005	1465012.670	598032.308
PRS67-081	Thorium-232	0.77	PCI/G	0.02			2.1	02/02/2005	1465012.670	598032.308
PRS67-082	Plutonium-238	0.52	PCI/G	0.02			55	02/02/2005	1465027.670	598032.308
PRS67-082	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/02/2005	1465027.670	598032.308
PRS67-082	Thorium-228	0.52	PCI/G	0.04			2.6	02/02/2005	1465027.670	598032.308
PRS67-082	Thorium-230	0.71	PCI/G	0.03			2.8	02/02/2005	1465027.670	598032.308
PRS67-082	Thorium-232	0.48	PCI/G	0.03			2.1	02/02/2005	1465027.670	598032.308
PRS67-083	Plutonium-238	0.63	PCI/G	0.05			55	02/02/2005	1465042.670	598032.308
PRS67-083	Plutonium-239/240	0.02	PCI/G	0.02	J		62	02/02/2005	1465042.670	598032.308
PRS67-083	Thorium-228	0.70	PCI/G	0.04			2.6	02/02/2005	1465042.670	598032.308

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-083	Thorium-230	0.85	PCI/G	0.03			2.8	02/02/2005	1465042.670	598032.308
PRS67-083	Thorium-232	0.64	PCI/G	0.01			2.1	02/02/2005	1465042.670	598032.308
PRS67-084	Plutonium-238	11.60	PCI/G	0.05			55	02/02/2005	1465057.670	598032.308
PRS67-084	Plutonium-239/240	0.14	PCI/G	0.03			62	02/02/2005	1465057.670	598032.308
PRS67-084	Thorium-228	0.69	PCI/G	0.01			2.6	02/02/2005	1465057.670	598032.308
PRS67-084	Thorium-230	0.86	PCI/G	0.02			2.8	02/02/2005	1465057.670	598032.308
PRS67-084	Thorium-232	0.60	PCI/G	0.02			2.1	02/02/2005	1465057.670	598032.308
PRS67-085	Plutonium-238	17.50	PCI/G	0.20			55	02/02/2005	1465072.670	598032.308
PRS67-085	Plutonium-239/240	0.22	PCI/G	0.15			62	02/02/2005	1465072.670	598032.308
PRS67-085	Thorium-228	0.62	PCI/G	0.03			2.6	02/02/2005	1465072.670	598032.308
PRS67-085	Thorium-230	0.76	PCI/G	0.03			2.8	02/02/2005	1465072.670	598032.308
PRS67-085	Thorium-232	0.36	PCI/G	0.04			2.1	02/02/2005	1465072.670	598032.308
PRS67-086	Plutonium-238	15.90	PCI/G	0.06			55	02/02/2005	1465087.670	598032.308
PRS67-086	Plutonium-239/240	0.16	PCI/G	0.04			62	02/02/2005	1465087.670	598032.308
PRS67-086	Thorium-228	0.54	PCI/G	0.03			2.6	02/02/2005	1465087.670	598032.308
PRS67-086	Thorium-230	0.71	PCI/G	0.02			2.8	02/02/2005	1465087.670	598032.308
PRS67-086	Thorium-232	0.48	PCI/G	0.01			2.1	02/02/2005	1465087.670	598032.308
PRS67-087	Plutonium-238	12.80	PCI/G	0.04			55	02/02/2005	1465102.670	598032.308
PRS67-087	Plutonium-239/240	0.17	PCI/G	0.04			62	02/02/2005	1465102.670	598032.308
PRS67-087	Thorium-228	0.67	PCI/G	0.04			2.6	02/02/2005	1465102.670	598032.308
PRS67-087	Thorium-230	0.77	PCI/G	0.03			2.8	02/02/2005	1465102.670	598032.308
PRS67-087	Thorium-232	0.53	PCI/G	0.03			2.1	02/02/2005	1465102.670	598032.308
PRS67-088	Plutonium-238	8.90	PCI/G	0.04			55	02/02/2005	1465117.670	598032.308
PRS67-088	Plutonium-239/240	0.10	PCI/G	0.02	J		62	02/02/2005	1465117.670	598032.308
PRS67-088	Thorium-228	0.42	PCI/G	0.01			2.6	02/02/2005	1465117.670	598032.308
PRS67-088	Thorium-230	0.70	PCI/G	0.02			2.8	02/02/2005	1465117.670	598032.308
PRS67-088	Thorium-232	0.38	PCI/G	0.02			2.1	02/02/2005	1465117.670	598032.308
~~PRS67-089~~	~~Plutonium-238~~	~~40.60~~	~~PCI/G~~	~~0.04~~			~~55~~	~~02/02/2005~~	~~1465132.670~~	~~598032.308~~
~~PRS67-089~~	~~Plutonium-239/240~~	~~0.40~~	~~PCI/G~~	~~0.01~~			~~62~~	~~02/02/2005~~	~~1465132.670~~	~~598032.308~~
~~PRS67-089~~	~~Thorium-228~~	~~0.80~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~02/02/2005~~	~~1465132.670~~	~~598032.308~~
~~PRS67-089~~	~~Thorium-230~~	~~0.93~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~02/02/2005~~	~~1465132.670~~	~~598032.308~~
~~PRS67-089~~	~~Thorium-232~~	~~0.75~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~02/02/2005~~	~~1465132.670~~	~~598032.308~~
~~PRS67-090~~	~~Plutonium-238~~	~~36.90~~	~~PCI/G~~	~~0.06~~			~~55~~	~~02/02/2005~~	~~1465147.670~~	~~598032.308~~
~~PRS67-090~~	~~Plutonium-239/240~~	~~0.11~~	~~PCI/G~~	~~0.04~~			~~62~~	~~02/02/2005~~	~~1465147.670~~	~~598032.308~~
~~PRS67-090~~	~~Thorium-228~~	~~1.19~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~02/02/2005~~	~~1465147.670~~	~~598032.308~~
~~PRS67-090~~	~~Thorium-230~~	~~1.14~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~02/02/2005~~	~~1465147.670~~	~~598032.308~~
~~PRS67-090~~	~~Thorium-232~~	~~0.90~~	~~PCI/G~~	~~0.03~~			~~2.1~~	~~02/02/2005~~	~~1465147.670~~	~~598032.308~~
~~PRS67-091~~	~~Plutonium-238~~	~~82.10~~	~~PCI/G~~	~~0.03~~			~~55~~	~~02/02/2005~~	~~1465162.670~~	~~598032.308~~
~~PRS67-091~~	~~Plutonium-239/240~~	~~0.84~~	~~PCI/G~~	~~0.02~~			~~62~~	~~02/02/2005~~	~~1465162.670~~	~~598032.308~~
~~PRS67-091~~	~~Thorium-228~~	~~1.40~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~02/02/2005~~	~~1465162.670~~	~~598032.308~~
~~PRS67-091~~	~~Thorium-230~~	~~1.09~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~02/02/2005~~	~~1465162.670~~	~~598032.308~~
~~PRS67-091~~	~~Thorium-232~~	~~1.28~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~02/02/2005~~	~~1465162.670~~	~~598032.308~~
PRS67-092	Plutonium-238	0.11	PCI/G	0.05			55	02/02/2005	1465177.670	598032.308
PRS67-092	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/02/2005	1465177.670	598032.308
PRS67-092	Thorium-228	0.91	PCI/G	0.04			2.6	02/02/2005	1465177.670	598032.308
PRS67-092	Thorium-230	1.46	PCI/G	0.03			2.8	02/02/2005	1465177.670	598032.308
PRS67-092	Thorium-232	0.99	PCI/G	0.03			2.1	02/02/2005	1465177.670	598032.308
PRS67-093	Plutonium-238	12.90	PCI/G	0.04			55	02/02/2005	1465192.670	598032.308
PRS67-093	Plutonium-239/240	0.20	PCI/G	0.02			62	02/02/2005	1465192.670	598032.308
PRS67-093	Thorium-228	0.57	PCI/G	0.04			2.6	02/02/2005	1465192.670	598032.308
PRS67-093	Thorium-230	0.86	PCI/G	0.03			2.8	02/02/2005	1465192.670	598032.308
PRS67-093	Thorium-232	0.68	PCI/G	0.02			2.1	02/02/2005	1465192.670	598032.308
PRS67-094	Plutonium-238	0.13	PCI/G	0.04			55	02/02/2005	1465207.670	598032.308
PRS67-094	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/02/2005	1465207.670	598032.308
PRS67-094	Thorium-228	0.62	PCI/G	0.04			2.6	02/02/2005	1465207.670	598032.308
PRS67-094	Thorium-230	1.28	PCI/G	0.02			2.8	02/02/2005	1465207.670	598032.308
PRS67-094	Thorium-232	0.68	PCI/G	0.02			2.1	02/02/2005	1465207.670	598032.308
PRS67-095	Plutonium-238	0.35	PCI/G	0.02			55	02/02/2005	1465222.670	598032.308
PRS67-095	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/02/2005	1465222.670	598032.308
PRS67-095	Thorium-228	0.52	PCI/G	0.05			2.6	02/02/2005	1465222.670	598032.308
PRS67-095	Thorium-230	1.07	PCI/G	0.02			2.8	02/02/2005	1465222.670	598032.308
PRS67-095	Thorium-232	0.47	PCI/G	0.02			2.1	02/02/2005	1465222.670	598032.308
PRS67-096	Plutonium-238	2.89	PCI/G	0.04			55	02/02/2005	1464930.170	598019.318
PRS67-096	Plutonium-239/240	0.06	PCI/G	0.02	J		62	02/02/2005	1464930.170	598019.318
PRS67-096	Thorium-228	0.38	PCI/G	0.04			2.6	02/02/2005	1464930.170	598019.318
PRS67-096	Thorium-230	0.52	PCI/G	0.03			2.8	02/02/2005	1464930.170	598019.318
PRS67-096	Thorium-232	0.31	PCI/G	0.01			2.1	02/02/2005	1464930.170	598019.318
PRS67-097	Plutonium-238	1.05	PCI/G	0.03			55	02/02/2005	1464945.170	598019.318

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-097	Plutonium-239/240	0.03	PCI/G	0.02	J		62	02/02/2005	1464945.170	598019.318
PRS67-097	Thorium-228	0.29	PCI/G	0.04			2.6	02/02/2005	1464945.170	598019.318
PRS67-097	Thorium-230	0.49	PCI/G	0.02			2.8	02/02/2005	1464945.170	598019.318
PRS67-097	Thorium-232	0.29	PCI/G	0.02			2.1	02/02/2005	1464945.170	598019.318
PRS67-098	Plutonium-238	0.52	PCI/G	0.04			55	02/02/2005	1464960.170	598019.318
PRS67-098	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/02/2005	1464960.170	598019.318
PRS67-098	Thorium-228	0.39	PCI/G	0.04			2.6	02/02/2005	1464960.170	598019.318
PRS67-098	Thorium-230	0.50	PCI/G	0.03			2.8	02/02/2005	1464960.170	598019.318
PRS67-098	Thorium-232	0.32	PCI/G	0.03			2.1	02/02/2005	1464960.170	598019.318
PRS67-099	Plutonium-238	1.81	PCI/G	0.04			55	02/02/2005	1464975.170	598019.318
PRS67-099	Plutonium-239/240	0.05	PCI/G	0.02	J		62	02/02/2005	1464975.170	598019.318
PRS67-099	Thorium-228	0.73	PCI/G	0.04			2.6	02/02/2005	1464975.170	598019.318
PRS67-099	Thorium-230	0.79	PCI/G	0.03			2.8	02/02/2005	1464975.170	598019.318
PRS67-099	Thorium-232	0.70	PCI/G	0.01			2.1	02/02/2005	1464975.170	598019.318
~~PRS67-100~~	~~Plutonium-238~~	~~55.40~~	~~PCI/G~~	~~0.03~~			~~55~~	~~02/02/2005~~	~~1464990.170~~	~~598019.318~~
~~PRS67-100~~	~~Plutonium-239/240~~	~~0.86~~	~~PCI/G~~	~~0.02~~			~~62~~	~~02/02/2005~~	~~1464990.170~~	~~598019.318~~
~~PRS67-100~~	~~Thorium-228~~	~~1.42~~	~~PCI/G~~	~~0.02~~			~~2.6~~	~~02/02/2005~~	~~1464990.170~~	~~598019.318~~
~~PRS67-100~~	~~Thorium-230~~	~~1.24~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~02/02/2005~~	~~1464990.170~~	~~598019.318~~
~~PRS67-100~~	~~Thorium-232~~	~~1.01~~	~~PCI/G~~	~~0.01~~			~~2.1~~	~~02/02/2005~~	~~1464990.170~~	~~598019.318~~
~~PRS67-101~~	~~Plutonium-238~~	~~70.20~~	~~PCI/G~~	~~0.05~~			~~55~~	~~02/02/2005~~	~~1465005.170~~	~~598019.318~~
~~PRS67-101~~	~~Plutonium-239/240~~	~~0.98~~	~~PCI/G~~	~~0.02~~			~~62~~	~~02/02/2005~~	~~1465005.170~~	~~598019.318~~
~~PRS67-101~~	~~Thorium-228~~	~~1.05~~	~~PCI/G~~	~~0.02~~			~~2.6~~	~~02/02/2005~~	~~1465005.170~~	~~598019.318~~
~~PRS67-101~~	~~Thorium-230~~	~~0.75~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~02/02/2005~~	~~1465005.170~~	~~598019.318~~
~~PRS67-101~~	~~Thorium-232~~	~~0.60~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~02/02/2005~~	~~1465005.170~~	~~598019.318~~
PRS67-102	Plutonium-238	20.30	PCI/G	0.03			55	02/02/2005	1465020.170	598019.318
PRS67-102	Plutonium-239/240	0.11	PCI/G	0.04			62	02/02/2005	1465020.170	598019.318
PRS67-102	Thorium-228	0.87	PCI/G	0.05			2.6	02/02/2005	1465020.170	598019.318
PRS67-102	Thorium-230	1.19	PCI/G	0.03			2.8	02/02/2005	1465020.170	598019.318
PRS67-102	Thorium-232	0.72	PCI/G	0.04			2.1	02/02/2005	1465020.170	598019.318
PRS67-103	Plutonium-238	29.30	PCI/G	0.03			55	02/02/2005	1465035.170	598019.318
PRS67-103	Plutonium-239/240	0.37	PCI/G	0.03			62	02/02/2005	1465035.170	598019.318
PRS67-103	Thorium-228	0.80	PCI/G	0.03			2.6	02/02/2005	1465035.170	598019.318
PRS67-103	Thorium-230	0.89	PCI/G	0.02			2.8	02/02/2005	1465035.170	598019.318
PRS67-103	Thorium-232	0.60	PCI/G	0.01			2.1	02/02/2005	1465035.170	598019.318
~~PRS67-104~~	~~Plutonium-238~~	~~114.00~~	~~PCI/G~~	~~0.01~~			~~55~~	~~02/03/2005~~	~~1465050.170~~	~~598019.318~~
~~PRS67-104~~	~~Plutonium-239/240~~	~~1.65~~	~~PCI/G~~	~~0.01~~			~~62~~	~~02/03/2005~~	~~1465050.170~~	~~598019.318~~
~~PRS67-104~~	~~Thorium-228~~	~~1.17~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~02/03/2005~~	~~1465050.170~~	~~598019.318~~
~~PRS67-104~~	~~Thorium-230~~	~~1.05~~	~~PCI/G~~	~~0.01~~			~~2.8~~	~~02/03/2005~~	~~1465050.170~~	~~598019.318~~
~~PRS67-104~~	~~Thorium-232~~	~~0.69~~	~~PCI/G~~	~~0.01~~			~~2.1~~	~~02/03/2005~~	~~1465050.170~~	~~598019.318~~
PRS67-105	Plutonium-238	26.30	PCI/G	0.03			55	02/03/2005	1465065.170	598019.318
PRS67-105	Plutonium-239/240	0.57	PCI/G	0.03			62	02/03/2005	1465065.170	598019.318
PRS67-105	Thorium-228	0.74	PCI/G	0.03			2.6	02/03/2005	1465065.170	598019.318
PRS67-105	Thorium-230	0.70	PCI/G	0.02			2.8	02/03/2005	1465065.170	598019.318
PRS67-105	Thorium-232	0.54	PCI/G	0.01			2.1	02/03/2005	1465065.170	598019.318
PRS67-106	Plutonium-238	16.10	PCI/G	0.05			55	02/03/2005	1465080.170	598019.318
PRS67-106	Plutonium-239/240	0.21	PCI/G	0.03			62	02/03/2005	1465080.170	598019.318
PRS67-106	Thorium-228	0.78	PCI/G	0.03			2.6	02/03/2005	1465080.170	598019.318
PRS67-106	Thorium-230	0.87	PCI/G	0.02			2.8	02/03/2005	1465080.170	598019.318
PRS67-106	Thorium-232	0.53	PCI/G	0.03			2.1	02/03/2005	1465080.170	598019.318
PRS67-107	Plutonium-238	5.89	PCI/G	0.03			55	02/03/2005	1465095.170	598019.318
PRS67-107	Plutonium-239/240	0.13	PCI/G	0.01			62	02/03/2005	1465095.170	598019.318
PRS67-107	Thorium-228	0.82	PCI/G	0.03			2.6	02/03/2005	1465095.170	598019.318
PRS67-107	Thorium-230	1.14	PCI/G	0.01			2.8	02/03/2005	1465095.170	598019.318
PRS67-107	Thorium-232	0.74	PCI/G	0.02			2.1	02/03/2005	1465095.170	598019.318
PRS67-108	Plutonium-238	3.04	PCI/G	0.03			55	02/03/2005	1465110.170	598019.318
PRS67-108	Plutonium-239/240	0.06	PCI/G	0.02	J		62	02/03/2005	1465110.170	598019.318
PRS67-108	Thorium-228	0.97	PCI/G	0.05			2.6	02/03/2005	1465110.170	598019.318
PRS67-108	Thorium-230	1.18	PCI/G	0.02			2.8	02/03/2005	1465110.170	598019.318
PRS67-108	Thorium-232	0.68	PCI/G	0.02			2.1	02/03/2005	1465110.170	598019.318
PRS67-109	Plutonium-238	0.54	PCI/G	0.03			55	02/03/2005	1465125.170	598019.318
PRS67-109	Plutonium-239/240	0.02	PCI/G	0.01	J		62	02/03/2005	1465125.170	598019.318
PRS67-109	Thorium-228	0.87	PCI/G	0.04			2.6	02/03/2005	1465125.170	598019.318
PRS67-109	Thorium-230	1.26	PCI/G	0.04			2.8	02/03/2005	1465125.170	598019.318
PRS67-109	Thorium-232	0.92	PCI/G	0.03			2.1	02/03/2005	1465125.170	598019.318
PRS67-110	Plutonium-238	0.64	PCI/G	0.04			55	02/03/2005	1465140.170	598019.318
PRS67-110	Plutonium-239/240	0.03	PCI/G	0.02	J		62	02/03/2005	1465140.170	598019.318
PRS67-110	Thorium-228	1.14	PCI/G	0.09			2.6	02/03/2005	1465140.170	598019.318

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-110	Thorium-230	1.67	PCI/G	0.04			2.8	02/03/2005	1465140.170	598019.318
PRS67-110	Thorium-232	1.00	PCI/G	0.05			2.1	02/03/2005	1465140.170	598019.318
PRS67-111	Plutonium-238	0.42	PCI/G	0.02			55	02/03/2005	1465155.170	598019.318
PRS67-111	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005	1465155.170	598019.318
PRS67-111	Thorium-228	0.97	PCI/G	0.06			2.6	02/03/2005	1465155.170	598019.318
PRS67-111	Thorium-230	1.25	PCI/G	0.02			2.8	02/03/2005	1465155.170	598019.318
PRS67-111	Thorium-232	0.81	PCI/G	0.03			2.1	02/03/2005	1465155.170	598019.318
PRS67-112	Plutonium-238	0.35	PCI/G	0.04			55	02/03/2005	1465170.170	598019.318
PRS67-112	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005	1465170.170	598019.318
PRS67-112	Thorium-228	0.66	PCI/G	0.04			2.6	02/03/2005	1465170.170	598019.318
PRS67-112	Thorium-230	1.06	PCI/G	0.01			2.8	02/03/2005	1465170.170	598019.318
PRS67-112	Thorium-232	0.63	PCI/G	0.01			2.1	02/03/2005	1465170.170	598019.318
PRS67-113	Plutonium-238	0.24	PCI/G	0.05			55	02/03/2005	1465185.170	598019.318
PRS67-113	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/03/2005	1465185.170	598019.318
PRS67-113	Thorium-228	0.70	PCI/G	0.05			2.6	02/03/2005	1465185.170	598019.318
PRS67-113	Thorium-230	1.00	PCI/G	0.02			2.8	02/03/2005	1465185.170	598019.318
PRS67-113	Thorium-232	0.57	PCI/G	0.02			2.1	02/03/2005	1465185.170	598019.318
PRS67-114	Plutonium-238	0.17	PCI/G	0.04			55	02/03/2005	1465200.170	598019.318
PRS67-114	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/03/2005	1465200.170	598019.318
PRS67-114	Thorium-228	0.66	PCI/G	0.04			2.6	02/03/2005	1465200.170	598019.318
PRS67-114	Thorium-230	0.94	PCI/G	0.01			2.8	02/03/2005	1465200.170	598019.318
PRS67-114	Thorium-232	0.66	PCI/G	0.01			2.1	02/03/2005	1465200.170	598019.318
PRS67-115	Plutonium-238	3.48	PCI/G	0.04			55	02/03/2005	1464922.670	598006.327
PRS67-115	Plutonium-239/240	0.05	PCI/G	0.02	J		62	02/03/2005	1464922.670	598006.327
PRS67-115	Thorium-228	0.38	PCI/G	0.03			2.6	02/03/2005	1464922.670	598006.327
PRS67-115	Thorium-230	0.46	PCI/G	0.03			2.8	02/03/2005	1464922.670	598006.327
PRS67-115	Thorium-232	0.32	PCI/G	0.03			2.1	02/03/2005	1464922.670	598006.327
PRS67-116	Plutonium-238	0.13	PCI/G	0.04			55	02/03/2005	1464937.670	598006.327
PRS67-116	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005	1464937.670	598006.327
PRS67-116	Thorium-228	0.32	PCI/G	0.05			2.6	02/03/2005	1464937.670	598006.327
PRS67-116	Thorium-230	0.41	PCI/G	0.03			2.8	02/03/2005	1464937.670	598006.327
PRS67-116	Thorium-232	0.32	PCI/G	0.02			2.1	02/03/2005	1464937.670	598006.327
PRS67-117	Plutonium-238	0.50	PCI/G	0.05			55	02/03/2005	1464952.670	598006.327
PRS67-117	Plutonium-239/240	0.05	PCI/G	0.05	U		62	02/03/2005	1464952.670	598006.327
PRS67-117	Thorium-228	0.74	PCI/G	0.05			2.6	02/03/2005	1464952.670	598006.327
PRS67-117	Thorium-230	0.78	PCI/G	0.02			2.8	02/03/2005	1464952.670	598006.327
PRS67-117	Thorium-232	0.61	PCI/G	0.01			2.1	02/03/2005	1464952.670	598006.327
PRS67-118	Plutonium-238	7.07	PCI/G	0.04			55	02/03/2005	1464967.670	598006.327
PRS67-118	Plutonium-239/240	0.15	PCI/G	0.03			62	02/03/2005	1464967.670	598006.327
PRS67-118	Thorium-228	0.82	PCI/G	0.05			2.6	02/03/2005	1464967.670	598006.327
PRS67-118	Thorium-230	1.23	PCI/G	0.01			2.8	02/03/2005	1464967.670	598006.327
PRS67-118	Thorium-232	0.76	PCI/G	0.02			2.1	02/03/2005	1464967.670	598006.327
PRS67-119	Plutonium-238	117.00	PCI/G	0.05			55	02/03/2005	1464982.670	598006.327
PRS67-119	Plutonium-239/240	0.68	PCI/G	0.04			62	02/03/2005	1464982.670	598006.327
PRS67-119	Thorium-228	2.82	PCI/G	0.04			2.6	02/03/2005	1464982.670	598006.327
PRS67-119	Thorium-230	1.07	PCI/G	0.01			2.8	02/03/2005	1464982.670	598006.327
PRS67-119	Thorium-232	0.81	PCI/G	0.02			2.1	02/03/2005	1464982.670	598006.327
PRS67-120	Plutonium-238	13.80	PCI/G	0.06			55	02/03/2005	1464997.670	598006.327
PRS67-120	Plutonium-239/240	0.06	PCI/G	0.04	J		62	02/03/2005	1464997.670	598006.327
PRS67-120	Thorium-228	0.80	PCI/G	0.06			2.6	02/03/2005	1464997.670	598006.327
PRS67-120	Thorium-230	0.85	PCI/G	0.02			2.8	02/03/2005	1464997.670	598006.327
PRS67-120	Thorium-232	0.68	PCI/G	0.03			2.1	02/03/2005	1464997.670	598006.327
PRS67-121	Plutonium-238	40.30	PCI/G	0.03			55	02/03/2005	1465012.670	598006.327
PRS67-121	Plutonium-239/240	0.08	PCI/G	0.03	J		62	02/03/2005	1465012.670	598006.327
PRS67-121	Thorium-228	2.14	PCI/G	0.08			2.6	02/03/2005	1465012.670	598006.327
PRS67-121	Thorium-230	0.94	PCI/G	0.03			2.8	02/03/2005	1465012.670	598006.327
PRS67-121	Thorium-232	0.97	PCI/G	0.04			2.1	02/03/2005	1465012.670	598006.327
PRS67-122	Plutonium-238	28.70	PCI/G	0.03			55	02/03/2005	1465027.670	598006.327
PRS67-122	Plutonium-239/240	0.11	PCI/G	0.01			62	02/03/2005	1465027.670	598006.327
PRS67-122	Thorium-228	1.30	PCI/G	0.07			2.6	02/03/2005	1465027.670	598006.327
PRS67-122	Thorium-230	0.96	PCI/G	0.03			2.8	02/03/2005	1465027.670	598006.327
PRS67-122	Thorium-232	0.80	PCI/G	0.04			2.1	02/03/2005	1465027.670	598006.327
PRS67-123	Plutonium-238	53.10	PCI/G	0.09			55	02/03/2005	1465042.670	598006.327
PRS67-123	Plutonium-239/240	0.16	PCI/G	0.08			62	02/03/2005	1465042.670	598006.327
PRS67-123	Thorium-228	1.28	PCI/G	0.05			2.6	02/03/2005	1465042.670	598006.327
PRS67-123	Thorium-230	0.86	PCI/G	0.04			2.8	02/03/2005	1465042.670	598006.327
PRS67-123	Thorium-232	0.91	PCI/G	0.03			2.1	02/03/2005	1465042.670	598006.327

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-124	Plutonium-238	0.30	PCI/G	0.06			55	02/03/2005	1465057.670	598006.327
PRS67-124	Plutonium-239/240	0.04	PCI/G	0.04	U		62	02/03/2005	1465057.670	598006.327
PRS67-124	Thorium-228	0.52	PCI/G	0.05			2.6	02/03/2005	1465057.670	598006.327
PRS67-124	Thorium-230	0.89	PCI/G	0.02			2.8	02/03/2005	1465057.670	598006.327
PRS67-124	Thorium-232	0.40	PCI/G	0.02			2.1	02/03/2005	1465057.670	598006.327
PRS67-125	Plutonium-238	0.48	PCI/G	0.08			55	02/03/2005	1465072.670	598006.327
PRS67-125	Plutonium-239/240	0.08	PCI/G	0.08	U		62	02/03/2005	1465072.670	598006.327
PRS67-125	Thorium-228	0.61	PCI/G	0.05			2.6	02/03/2005	1465072.670	598006.327
PRS67-125	Thorium-230	0.95	PCI/G	0.01			2.8	02/03/2005	1465072.670	598006.327
PRS67-125	Thorium-232	0.57	PCI/G	0.01			2.1	02/03/2005	1465072.670	598006.327
PRS67-126	Plutonium-238	0.17	PCI/G	0.07			55	02/03/2005	1465087.670	598006.327
PRS67-126	Plutonium-239/240	0.05	PCI/G	0.05	U		62	02/03/2005	1465087.670	598006.327
PRS67-126	Thorium-228	0.82	PCI/G	0.04			2.6	02/03/2005	1465087.670	598006.327
PRS67-126	Thorium-230	1.33	PCI/G	0.04			2.8	02/03/2005	1465087.670	598006.327
PRS67-126	Thorium-232	0.68	PCI/G	0.04			2.1	02/03/2005	1465087.670	598006.327
PRS67-127	Plutonium-238	0.35	PCI/G	0.05			55	02/03/2005	1465102.670	598006.327
PRS67-127	Plutonium-239/240	0.05	PCI/G	0.05	U		62	02/03/2005	1465102.670	598006.327
PRS67-127	Thorium-228	1.11	PCI/G	0.05			2.6	02/03/2005	1465102.670	598006.327
PRS67-127	Thorium-230	1.59	PCI/G	0.04			2.8	02/03/2005	1465102.670	598006.327
PRS67-127	Thorium-232	0.97	PCI/G	0.02			2.1	02/03/2005	1465102.670	598006.327
PRS67-128	Plutonium-238	4.07	PCI/G	0.04			55	02/03/2005	1464915.170	597993.337
PRS67-128	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005	1464915.170	597993.337
PRS67-128	Thorium-228	0.56	PCI/G	0.05			2.6	02/03/2005	1464915.170	597993.337
PRS67-128	Thorium-230	0.58	PCI/G	0.03			2.8	02/03/2005	1464915.170	597993.337
PRS67-128	Thorium-232	0.41	PCI/G	0.02			2.1	02/03/2005	1464915.170	597993.337
PRS67-129	Plutonium-238	2.33	PCI/G	0.05			55	02/03/2005	1464930.170	597993.337
PRS67-129	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/03/2005	1464930.170	597993.337
PRS67-129	Thorium-228	0.38	PCI/G	0.06			2.6	02/03/2005	1464930.170	597993.337
PRS67-129	Thorium-230	0.68	PCI/G	0.02			2.8	02/03/2005	1464930.170	597993.337
PRS67-129	Thorium-232	0.34	PCI/G	0.03			2.1	02/03/2005	1464930.170	597993.337
PRS67-130	Plutonium-238	6.80	PCI/G	0.07			55	02/03/2005	1464945.170	597993.337
PRS67-130	Plutonium-239/240	0.05	PCI/G	0.05	U		62	02/03/2005	1464945.170	597993.337
PRS67-130	Thorium-228	0.15	PCI/G	0.02			2.6	02/03/2005	1464945.170	597993.337
PRS67-130	Thorium-230	0.21	PCI/G	0.01			2.8	02/03/2005	1464945.170	597993.337
PRS67-130	Thorium-232	0.09	PCI/G	0.01	J		2.1	02/03/2005	1464945.170	597993.337
PRS67-131	Plutonium-238	11.40	PCI/G	0.03			55	02/03/2005	1464960.170	597993.337
PRS67-131	Plutonium-239/240	0.04	PCI/G	0.02	J		62	02/03/2005	1464960.170	597993.337
PRS67-131	Thorium-228	0.75	PCI/G	0.05			2.6	02/03/2005	1464960.170	597993.337
PRS67-131	Thorium-230	0.58	PCI/G	0.02			2.8	02/03/2005	1464960.170	597993.337
PRS67-131	Thorium-232	0.49	PCI/G	0.02			2.1	02/03/2005	1464960.170	597993.337
PRS67-132	Plutonium-238	7.50	PCI/G	0.05			55	02/03/2005	1464975.170	597993.337
PRS67-132	Plutonium-239/240	0.04	PCI/G	0.03	J		62	02/03/2005	1464975.170	597993.337
PRS67-132	Thorium-228	0.37	PCI/G	0.03			2.6	02/03/2005	1464975.170	597993.337
PRS67-132	Thorium-230	0.54	PCI/G	0.03			2.8	02/03/2005	1464975.170	597993.337
PRS67-132	Thorium-232	0.38	PCI/G	0.02			2.1	02/03/2005	1464975.170	597993.337
PRS67-133	Plutonium-238	0.79	PCI/G	0.05			55	02/03/2005	1464990.170	597993.337
PRS67-133	Plutonium-239/240	0.04	PCI/G	0.04	U		62	02/03/2005	1464990.170	597993.337
PRS67-133	Thorium-228	0.54	PCI/G	0.04			2.6	02/03/2005	1464990.170	597993.337
PRS67-133	Thorium-230	0.73	PCI/G	0.04			2.8	02/03/2005	1464990.170	597993.337
PRS67-133	Thorium-232	0.47	PCI/G	0.04			2.1	02/03/2005	1464990.170	597993.337
PRS67-134	Plutonium-238	0.15	PCI/G	0.03			55	02/03/2005	1465005.170	597993.337
PRS67-134	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005	1465005.170	597993.337
PRS67-134	Thorium-228	0.83	PCI/G	0.02			2.6	02/03/2005	1465005.170	597993.337
PRS67-134	Thorium-230	1.20	PCI/G	0.02			2.8	02/03/2005	1465005.170	597993.337
PRS67-134	Thorium-232	0.71	PCI/G	0.03			2.1	02/03/2005	1465005.170	597993.337
PRS67-135	Plutonium-238	5.00	PCI/G	0.10			55	02/03/2005	1464907.670	597980.347
PRS67-135	Plutonium-239/240	0.06	PCI/G	0.06	U		62	02/03/2005	1464907.670	597980.347
PRS67-135	Thorium-228	0.44	PCI/G	0.03			2.6	02/03/2005	1464907.670	597980.347
PRS67-135	Thorium-230	0.53	PCI/G	0.03			2.8	02/03/2005	1464907.670	597980.347
PRS67-135	Thorium-232	0.36	PCI/G	0.02			2.1	02/03/2005	1464907.670	597980.347
PRS67-136	Plutonium-238	8.30	PCI/G	0.04			55	02/03/2005	1464922.670	597980.347
PRS67-136	Plutonium-239/240	0.04	PCI/G	0.04	J		62	02/03/2005	1464922.670	597980.347
PRS67-136	Thorium-228	0.60	PCI/G	0.04			2.6	02/03/2005	1464922.670	597980.347
PRS67-136	Thorium-230	0.70	PCI/G	0.03			2.8	02/03/2005	1464922.670	597980.347
PRS67-136	Thorium-232	0.37	PCI/G	0.02			2.1	02/03/2005	1464922.670	597980.347
PRS67-137	Plutonium-238	30.00	PCI/G	0.06			55	02/03/2005	1464937.670	597980.347
PRS67-137	Plutonium-239/240	0.10	PCI/G	0.05			62	02/03/2005	1464937.670	597980.347

Table 2: Scan Surrogate Results (SUs 2 and 3)

(shade >CO and strikethru indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
PRS67-137	Thorium-228	1.03	PCI/G	0.04			2.6	02/03/2005	1464937.670	597980.347
PRS67-137	Thorium-230	0.79	PCI/G	0.03			2.8	02/03/2005	1464937.670	597980.347
PRS67-137	Thorium-232	0.57	PCI/G	0.03			2.1	02/03/2005	1464937.670	597980.347
PRS67-138	Plutonium-238	5.20	PCI/G	0.04			55	02/03/2005	1464952.670	597980.347
PRS67-138	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005	1464952.670	597980.347
PRS67-138	Thorium-228	0.68	PCI/G	0.06			2.6	02/03/2005	1464952.670	597980.347
PRS67-138	Thorium-230	1.26	PCI/G	0.04			2.8	02/03/2005	1464952.670	597980.347
PRS67-138	Thorium-232	0.69	PCI/G	0.04			2.1	02/03/2005	1464952.670	597980.347
PRS67-139	Plutonium-238	0.42	PCI/G	0.04			55	02/03/2005	1464900.170	597967.356
PRS67-139	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005	1464900.170	597967.356
PRS67-139	Thorium-228	0.87	PCI/G	0.04			2.6	02/03/2005	1464900.170	597967.356
PRS67-139	Thorium-230	1.20	PCI/G	0.03			2.8	02/03/2005	1464900.170	597967.356
PRS67-139	Thorium-232	0.85	PCI/G	0.04			2.1	02/03/2005	1464900.170	597967.356
PRS67-140	Plutonium-238	0.94	PCI/G	0.05			55	02/03/2005	1464915.170	597967.356
PRS67-140	Plutonium-239/240	0.02	PCI/G	0.02	J		62	02/03/2005	1464915.170	597967.356
PRS67-140	Thorium-228	0.50	PCI/G	0.04			2.6	02/03/2005	1464915.170	597967.356
PRS67-140	Thorium-230	0.85	PCI/G	0.02			2.8	02/03/2005	1464915.170	597967.356
PRS67-140	Thorium-232	0.49	PCI/G	0.03			2.1	02/03/2005	1464915.170	597967.356

DL: detection limit
DQ: data qualifier
LQ: lab qualifier
U: not detected
J: estimated
coord: coordinate
CO: cleanup objective
RSDS: radiological survey data sheet

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU1FSS001	Actinium-227	0.49	PCI/G	0.49	U		4.6	03/15/2005	1465499.93	598202.098
SU1FSS001	Americium-241	0.11	PCI/G	0.11	U		63	03/15/2005	1465499.93	598202.098
SU1FSS001	Cesium-137	0.44	PCI/G	0.08			3.8	03/15/2005	1465499.93	598202.098
SU1FSS001	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005	1465499.93	598202.098
SU1FSS001	Lead-210	1.73	PCI/G	0.99			7.4	03/15/2005	1465499.93	598202.098
SU1FSS001	Plutonium-238	11.20	PCI/G	0.06			55	03/15/2005	1465499.93	598202.098
SU1FSS001	Plutonium-239/240	0.08	PCI/G	0.04	J	J	62	03/15/2005	1465499.93	598202.098
SU1FSS001	Radium-226	2.44	PCI/G	0.99			2.9	03/15/2005	1465499.93	598202.098
SU1FSS001	Thorium-228	1.25	PCI/G	0.03			2.6	03/15/2005	1465499.93	598202.098
SU1FSS001	Thorium-230	1.18	PCI/G	0.03			2.8	03/15/2005	1465499.93	598202.098
SU1FSS001	Thorium-232	0.84	PCI/G	0.31			2.1	03/15/2005	1465499.93	598202.098
SU1FSS002	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/14/2005	1465487.223	598215.822
SU1FSS002	Americium-241	0.08	PCI/G	0.08	U		63	03/14/2005	1465487.223	598215.822
SU1FSS002	Cesium-137	0.20	PCI/G	0.07			3.8	03/14/2005	1465487.223	598215.822
SU1FSS002	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/14/2005	1465487.223	598215.822
SU1FSS002	Lead-210	1.49	PCI/G	0.84			7.4	03/14/2005	1465487.223	598215.822
SU1FSS002	Plutonium-238	0.94	PCI/G	0.03			55	03/14/2005	1465487.223	598215.822
SU1FSS002	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/14/2005	1465487.223	598215.822
SU1FSS002	Radium-226	1.97	PCI/G	0.89			2.9	03/14/2005	1465487.223	598215.822
SU1FSS002	Thorium-228	0.74	PCI/G	0.05			2.6	03/14/2005	1465487.223	598215.822
SU1FSS002	Thorium-230	0.75	PCI/G	0.04			2.8	03/14/2005	1465487.223	598215.822
SU1FSS002	Thorium-232	0.68	PCI/G	0.03			2.1	03/14/2005	1465487.223	598215.822
SU1FSS003	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/14/2005	1465502.223	598215.822
SU1FSS003	Americium-241	0.08	PCI/G	0.08	U		63	03/14/2005	1465502.223	598215.822
SU1FSS003	Cesium-137	0.07	PCI/G	0.06			3.8	03/14/2005	1465502.223	598215.822
SU1FSS003	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/14/2005	1465502.223	598215.822
SU1FSS003	Lead-210	1.46	PCI/G	0.77			7.4	03/14/2005	1465502.223	598215.822
SU1FSS003	Plutonium-238	9.40	PCI/G	0.05			55	03/14/2005	1465502.223	598215.822
SU1FSS003	Plutonium-239/240	0.04	PCI/G	0.03	J	J	62	03/14/2005	1465502.223	598215.822
SU1FSS003	Radium-226	1.42	PCI/G	0.96			2.9	03/14/2005	1465502.223	598215.822
SU1FSS003	Thorium-228	0.74	PCI/G	0.04			2.6	03/14/2005	1465502.223	598215.822
SU1FSS003	Thorium-230	0.82	PCI/G	0.03			2.8	03/14/2005	1465502.223	598215.822
SU1FSS003	Thorium-232	0.56	PCI/G	0.03			2.1	03/14/2005	1465502.223	598215.822
SU1FSS004	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/15/2005	1465517.223	598215.822
SU1FSS004	Americium-241	0.12	PCI/G	0.12	U		63	03/15/2005	1465517.223	598215.822
SU1FSS004	Cesium-137	0.09	PCI/G	0.09	U		3.8	03/15/2005	1465517.223	598215.822
SU1FSS004	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005	1465517.223	598215.822
SU1FSS004	Lead-210	1.72	PCI/G	1.03			7.4	03/15/2005	1465517.223	598215.822
SU1FSS004	Plutonium-238	6.36	PCI/G	0.05			55	03/15/2005	1465517.223	598215.822
SU1FSS004	Plutonium-239/240	0.06	PCI/G	0.04	J	J	62	03/15/2005	1465517.223	598215.822
SU1FSS004	Radium-226	2.29	PCI/G	1.15			2.9	03/15/2005	1465517.223	598215.822
SU1FSS004	Thorium-228	0.91	PCI/G	0.04			2.6	03/15/2005	1465517.223	598215.822
SU1FSS004	Thorium-230	0.94	PCI/G	0.02			2.8	03/15/2005	1465517.223	598215.822
SU1FSS004	Thorium-232	0.84	PCI/G	0.02			2.1	03/15/2005	1465517.223	598215.822
SU1FSS005	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/14/2005	1465509.723	598228.813
SU1FSS005	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005	1465509.723	598228.813
SU1FSS005	Cesium-137	0.07	PCI/G	0.07			3.8	03/14/2005	1465509.723	598228.813
SU1FSS005	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005	1465509.723	598228.813
SU1FSS005	Lead-210	0.89	PCI/G	0.89	U		7.4	03/14/2005	1465509.723	598228.813
SU1FSS005	Plutonium-238	4.78	PCI/G	0.08			55	03/14/2005	1465509.723	598228.813
SU1FSS005	Plutonium-239/240	0.01	PCI/G	0.06	U	UJ	62	03/14/2005	1465509.723	598228.813
SU1FSS005	Radium-226	1.20	PCI/G	0.92			2.9	03/14/2005	1465509.723	598228.813
SU1FSS005	Thorium-228	1.28	PCI/G	0.06			2.6	03/14/2005	1465509.723	598228.813
SU1FSS005	Thorium-230	1.05	PCI/G	0.02			2.8	03/14/2005	1465509.723	598228.813
SU1FSS005	Thorium-232	0.81	PCI/G	0.03			2.1	03/14/2005	1465509.723	598228.813
SU1FSS006	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/14/2005	1465524.723	598228.813
SU1FSS006	Americium-241	0.08	PCI/G	0.08	U		63	03/14/2005	1465524.723	598228.813
SU1FSS006	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/14/2005	1465524.723	598228.813
SU1FSS006	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005	1465524.723	598228.813
SU1FSS006	Lead-210	0.82	PCI/G	0.75			7.4	03/14/2005	1465524.723	598228.813
SU1FSS006	Plutonium-238	4.67	PCI/G	0.06			55	03/14/2005	1465524.723	598228.813
SU1FSS006	Plutonium-239/240	0.03	PCI/G	0.05	U	UJ	62	03/14/2005	1465524.723	598228.813
SU1FSS006	Radium-226	1.84	PCI/G	0.84			2.9	03/14/2005	1465524.723	598228.813
SU1FSS006	Thorium-228	0.70	PCI/G	0.04			2.6	03/14/2005	1465524.723	598228.813

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU1FSS006	Thorium-230	0.92	PCI/G	0.03			2.8	03/14/2005	1465524.723	598228.813
SU1FSS006	Thorium-232	0.73	PCI/G	0.02			2.1	03/14/2005	1465524.723	598228.813
SU1FSS007	Actinium-227	0.44	PCI/G	0.44	U		4.6	03/14/2005	1465539.723	598228.813
SU1FSS007	Americium-241	0.11	PCI/G	0.11	U		63	03/14/2005	1465539.723	598228.813
SU1FSS007	Cesium-137	0.10	PCI/G	0.10	U		3.8	03/14/2005	1465539.723	598228.813
SU1FSS007	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005	1465539.723	598228.813
SU1FSS007	Lead-210	1.22	PCI/G	1.05			7.4	03/14/2005	1465539.723	598228.813
SU1FSS007	Plutonium-238	0.39	PCI/G	0.07			55	03/14/2005	1465539.723	598228.813
SU1FSS007	Plutonium-239/240	0.00	PCI/G	0.05	U	U	62	03/14/2005	1465539.723	598228.813
SU1FSS007	Radium-226	2.08	PCI/G	0.99			2.9	03/14/2005	1465539.723	598228.813
SU1FSS007	Thorium-228	1.01	PCI/G	0.03			2.6	03/14/2005	1465539.723	598228.813
SU1FSS007	Thorium-230	1.47	PCI/G	0.02			2.8	03/14/2005	1465539.723	598228.813
SU1FSS007	Thorium-232	1.04	PCI/G	0.03			2.1	03/14/2005	1465539.723	598228.813
SU1FSS008	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/14/2005	1465517.223	598241.803
SU1FSS008	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005	1465517.223	598241.803
SU1FSS008	Cesium-137	0.16	PCI/G	0.02			3.8	03/14/2005	1465517.223	598241.803
SU1FSS008	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005	1465517.223	598241.803
SU1FSS008	Lead-210	1.11	PCI/G	0.62			7.4	03/14/2005	1465517.223	598241.803
SU1FSS008	Plutonium-238	0.48	PCI/G	0.04			55	03/14/2005	1465517.223	598241.803
SU1FSS008	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/14/2005	1465517.223	598241.803
SU1FSS008	Radium-226	0.74	PCI/G	0.63			2.9	03/14/2005	1465517.223	598241.803
SU1FSS008	Thorium-228	0.30	PCI/G	0.05			2.6	03/14/2005	1465517.223	598241.803
SU1FSS008	Thorium-230	0.26	PCI/G	0.03			2.8	03/14/2005	1465517.223	598241.803
SU1FSS008	Thorium-232	0.28	PCI/G	0.03			2.1	03/14/2005	1465517.223	598241.803
SU1FSS009	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/14/2005	1465532.223	598241.803
SU1FSS009	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005	1465532.223	598241.803
SU1FSS009	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/14/2005	1465532.223	598241.803
SU1FSS009	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005	1465532.223	598241.803
SU1FSS009	Lead-210	0.86	PCI/G	0.54			7.4	03/14/2005	1465532.223	598241.803
SU1FSS009	Plutonium-238	6.46	PCI/G	0.04			55	03/14/2005	1465532.223	598241.803
SU1FSS009	Plutonium-239/240	0.06	PCI/G	0.02	J	J	62	03/14/2005	1465532.223	598241.803
SU1FSS009	Radium-226	1.54	PCI/G	0.69			2.9	03/14/2005	1465532.223	598241.803
SU1FSS009	Thorium-228	0.51	PCI/G	0.04			2.6	03/14/2005	1465532.223	598241.803
SU1FSS009	Thorium-230	0.55	PCI/G	0.03			2.8	03/14/2005	1465532.223	598241.803
SU1FSS009	Thorium-232	0.44	PCI/G	0.03			2.1	03/14/2005	1465532.223	598241.803
SU1FSS010	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/14/2005	1465547.223	598241.803
SU1FSS010	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005	1465547.223	598241.803
SU1FSS010	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/14/2005	1465547.223	598241.803
SU1FSS010	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/14/2005	1465547.223	598241.803
SU1FSS010	Lead-210	1.25	PCI/G	0.58			7.4	03/14/2005	1465547.223	598241.803
SU1FSS010	Plutonium-238	0.04	PCI/G	0.04	U	U	55	03/14/2005	1465547.223	598241.803
SU1FSS010	Plutonium-239/240	0.00	PCI/G	0.02	U	U	62	03/14/2005	1465547.223	598241.803
SU1FSS010	Radium-226	1.47	PCI/G	0.72			2.9	03/14/2005	1465547.223	598241.803
SU1FSS010	Thorium-228	0.37	PCI/G	0.05			2.6	03/14/2005	1465547.223	598241.803
SU1FSS010	Thorium-230	1.08	PCI/G	0.03			2.8	03/14/2005	1465547.223	598241.803
SU1FSS010	Thorium-232	0.53	PCI/G	0.02			2.1	03/14/2005	1465547.223	598241.803
SU1FSS011	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/14/2005	1465539.723	598254.794
SU1FSS011	Americium-241	0.08	PCI/G	0.08	U		63	03/14/2005	1465539.723	598254.794
SU1FSS011	Cesium-137	0.09	PCI/G	0.05			3.8	03/14/2005	1465539.723	598254.794
SU1FSS011	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/14/2005	1465539.723	598254.794
SU1FSS011	Lead-210	1.11	PCI/G	0.76			7.4	03/14/2005	1465539.723	598254.794
SU1FSS011	Plutonium-238	5.88	PCI/G	0.04			55	03/14/2005	1465539.723	598254.794
SU1FSS011	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/14/2005	1465539.723	598254.794
SU1FSS011	Radium-226	1.93	PCI/G	0.78			2.9	03/14/2005	1465539.723	598254.794
SU1FSS011	Thorium-228	0.98	PCI/G	0.05			2.6	03/14/2005	1465539.723	598254.794
SU1FSS011	Thorium-230	0.77	PCI/G	0.03			2.8	03/14/2005	1465539.723	598254.794
SU1FSS011	Thorium-232	0.80	PCI/G	0.02			2.1	03/14/2005	1465539.723	598254.794
SU1FSS012	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/14/2005	1465554.723	598254.794
SU1FSS012	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005	1465554.723	598254.794
SU1FSS012	Cesium-137	0.06	PCI/G	0.05			3.8	03/14/2005	1465554.723	598254.794
SU1FSS012	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005	1465554.723	598254.794
SU1FSS012	Lead-210	0.80	PCI/G	0.60			7.4	03/14/2005	1465554.723	598254.794
SU1FSS012	Plutonium-238	16.20	PCI/G	0.05			55	03/14/2005	1465554.723	598254.794
SU1FSS012	Plutonium-239/240	0.06	PCI/G	0.04	J	J	62	03/14/2005	1465554.723	598254.794

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU1FSS012	Radium-226	1.28	PCI/G	0.73			2.9	03/14/2005	1465554.723	598254.794
SU1FSS012	Thorium-228	0.81	PCI/G	0.09			2.6	03/14/2005	1465554.723	598254.794
SU1FSS012	Thorium-230	0.81	PCI/G	0.04			2.8	03/14/2005	1465554.723	598254.794
SU1FSS012	Thorium-232	0.70	PCI/G	0.04			2.1	03/14/2005	1465554.723	598254.794
SU1FSS013	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/14/2005	1465569.723	598254.785
SU1FSS013	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005	1465569.723	598254.785
SU1FSS013	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/14/2005	1465569.723	598254.785
SU1FSS013	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005	1465569.723	598254.785
SU1FSS013	Lead-210	0.74	PCI/G	0.55			7.4	03/14/2005	1465569.723	598254.785
SU1FSS013	Plutonium-238	0.25	PCI/G	0.04			55	03/14/2005	1465569.723	598254.785
SU1FSS013	Plutonium-239/240	0.00	PCI/G	0.03	U	U	62	03/14/2005	1465569.723	598254.785
SU1FSS013	Radium-226	2.03	PCI/G	0.68			2.9	03/14/2005	1465569.723	598254.785
SU1FSS013	Thorium-228	0.66	PCI/G	0.06			2.6	03/14/2005	1465569.723	598254.785
SU1FSS013	Thorium-230	1.35	PCI/G	0.03			2.8	03/14/2005	1465569.723	598254.785
SU1FSS013	Thorium-232	0.64	PCI/G	0.04			2.1	03/14/2005	1465569.723	598254.785
SU1FSS014	Actinium-227	0.39	PCI/G	0.39	U		4.6	03/14/2005	1465547.223	598267.784
SU1FSS014	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005	1465547.223	598267.784
SU1FSS014	Cesium-137	0.08	PCI/G	0.08			3.8	03/14/2005	1465547.223	598267.784
SU1FSS014	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/14/2005	1465547.223	598267.784
SU1FSS014	Lead-210	1.19	PCI/G	0.91			7.4	03/14/2005	1465547.223	598267.784
SU1FSS014	Plutonium-238	0.17	PCI/G	0.03			55	03/14/2005	1465547.223	598267.784
SU1FSS014	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/14/2005	1465547.223	598267.784
SU1FSS014	Radium-226	2.01	PCI/G	1.06			2.9	03/14/2005	1465547.223	598267.784
SU1FSS014	Thorium-228	0.88	PCI/G	0.04			2.6	03/14/2005	1465547.223	598267.784
SU1FSS014	Thorium-230	0.86	PCI/G	0.03			2.8	03/14/2005	1465547.223	598267.784
SU1FSS014	Thorium-232	1.09	PCI/G	0.03			2.1	03/14/2005	1465547.223	598267.784
SU1FSS015	Actinium-227	0.17	PCI/G	0.17	U		4.6	03/14/2005	1465562.223	598267.784
SU1FSS015	Americium-241	0.05	PCI/G	0.05	U		63	03/14/2005	1465562.223	598267.784
SU1FSS015	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/14/2005	1465562.223	598267.784
SU1FSS015	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005	1465562.223	598267.784
SU1FSS015	Lead-210	0.47	PCI/G	0.47	U		7.4	03/14/2005	1465562.223	598267.784
SU1FSS015	Plutonium-238	1.14	PCI/G	0.04			55	03/14/2005	1465562.223	598267.784
SU1FSS015	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/14/2005	1465562.223	598267.784
SU1FSS015	Radium-226	0.90	PCI/G	0.60			2.9	03/14/2005	1465562.223	598267.784
SU1FSS015	Thorium-228	0.33	PCI/G	0.05			2.6	03/14/2005	1465562.223	598267.784
SU1FSS015	Thorium-230	0.53	PCI/G	0.02			2.8	03/14/2005	1465562.223	598267.784
SU1FSS015	Thorium-232	0.31	PCI/G	0.03			2.1	03/14/2005	1465562.223	598267.784
SU1FSS016	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/14/2005	1465577.223	598267.784
SU1FSS016	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005	1465577.223	598267.784
SU1FSS016	Cesium-137	0.07	PCI/G	0.05			3.8	03/14/2005	1465577.223	598267.784
SU1FSS016	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005	1465577.223	598267.784
SU1FSS016	Lead-210	1.01	PCI/G	0.70			7.4	03/14/2005	1465577.223	598267.784
SU1FSS016	Plutonium-238	1.00	PCI/G	0.04			55	03/14/2005	1465577.223	598267.784
SU1FSS016	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/14/2005	1465577.223	598267.784
SU1FSS016	Radium-226	1.94	PCI/G	0.89			2.9	03/14/2005	1465577.223	598267.784
SU1FSS016	Thorium-228	0.67	PCI/G	0.10			2.6	03/14/2005	1465577.223	598267.784
SU1FSS016	Thorium-230	1.18	PCI/G	0.04			2.8	03/14/2005	1465577.223	598267.784
SU1FSS016	Thorium-232	0.69	PCI/G	0.05			2.1	03/14/2005	1465577.223	598267.784
SU1FSS017	Actinium-227	0.66	PCI/G	0.66	U		4.6	03/15/2005	1465554.723	598280.774
SU1FSS017	Americium-241	0.14	PCI/G	0.14	U		63	03/15/2005	1465554.723	598280.774
SU1FSS017	Cesium-137	0.27	PCI/G	0.06			3.8	03/15/2005	1465554.723	598280.774
SU1FSS017	Cobalt-60	0.15	PCI/G	0.15	U		0.7	03/15/2005	1465554.723	598280.774
SU1FSS017	Lead-210	2.91	PCI/G	1.34			7.4	03/15/2005	1465554.723	598280.774
SU1FSS017	Plutonium-238	0.60	PCI/G	0.04			55	03/15/2005	1465554.723	598280.774
SU1FSS017	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005	1465554.723	598280.774
SU1FSS017	Radium-226	2.43	PCI/G	1.27			2.9	03/15/2005	1465554.723	598280.774
SU1FSS017	Thorium-228	0.64	PCI/G	0.04			2.6	03/15/2005	1465554.723	598280.774
SU1FSS017	Thorium-230	0.80	PCI/G	0.02			2.8	03/15/2005	1465554.723	598280.774
SU1FSS017	Thorium-232	0.71	PCI/G	0.03			2.1	03/15/2005	1465554.723	598280.774
SU1FSS018	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/14/2005	1465569.723	598280.774
SU1FSS018	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005	1465569.723	598280.774
SU1FSS018	Cesium-137	0.05	PCI/G	0.04			3.8	03/14/2005	1465569.723	598280.774
SU1FSS018	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005	1465569.723	598280.774
SU1FSS018	Lead-210	0.85	PCI/G	0.85	U		7.4	03/14/2005	1465569.723	598280.774

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU1FSS018	Plutonium-238	3.15	PCI/G	0.04			55	03/14/2005	1465569.723	598280.774
SU1FSS018	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/14/2005	1465569.723	598280.774
SU1FSS018	Radium-226	2.13	PCI/G	0.91			2.9	03/14/2005	1465569.723	598280.774
SU1FSS018	Thorium-228	0.99	PCI/G	0.07			2.6	03/14/2005	1465569.723	598280.774
SU1FSS018	Thorium-230	1.19	PCI/G	0.03			2.8	03/14/2005	1465569.723	598280.774
SU1FSS018	Thorium-232	1.01	PCI/G	0.02			2.1	03/14/2005	1465569.723	598280.774
SU1FSS019	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/14/2005	1465584.723	598280.774
SU1FSS019	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005	1465584.723	598280.774
SU1FSS019	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/14/2005	1465584.723	598280.774
SU1FSS019	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/14/2005	1465584.723	598280.774
SU1FSS019	Lead-210	1.10	PCI/G	0.59			7.4	03/14/2005	1465584.723	598280.774
SU1FSS019	Plutonium-238	0.20	PCI/G	0.04			55	03/14/2005	1465584.723	598280.774
SU1FSS019	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/14/2005	1465584.723	598280.774
SU1FSS019	Radium-226	1.89	PCI/G	0.73			2.9	03/14/2005	1465584.723	598280.774
SU1FSS019	Thorium-228	0.55	PCI/G	0.05			2.6	03/14/2005	1465584.723	598280.774
SU1FSS019	Thorium-230	1.19	PCI/G	0.03			2.8	03/14/2005	1465584.723	598280.774
SU1FSS019	Thorium-232	0.57	PCI/G	0.02			2.1	03/14/2005	1465584.723	598280.774
SU1FSS020	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/14/2005	1465562.223	598293.765
SU1FSS020	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005	1465562.223	598293.765
SU1FSS020	Cesium-137	0.13	PCI/G	0.07			3.8	03/14/2005	1465562.223	598293.765
SU1FSS020	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005	1465562.223	598293.765
SU1FSS020	Lead-210	1.86	PCI/G	0.92			7.4	03/14/2005	1465562.223	598293.765
SU1FSS020	Plutonium-238	0.78	PCI/G	0.05			55	03/14/2005	1465562.223	598293.765
SU1FSS020	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/14/2005	1465562.223	598293.765
SU1FSS020	Radium-226	1.33	PCI/G	1.08			2.9	03/14/2005	1465562.223	598293.765
SU1FSS020	Thorium-228	0.80	PCI/G	0.05			2.6	03/14/2005	1465562.223	598293.765
SU1FSS020	Thorium-230	1.02	PCI/G	0.03			2.8	03/14/2005	1465562.223	598293.765
SU1FSS020	Thorium-232	0.77	PCI/G	0.02			2.1	03/14/2005	1465562.223	598293.765
SU1FSS021	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/15/2005	1465577.223	598293.765
SU1FSS021	Americium-241	0.06	PCI/G	0.06	U		63	03/15/2005	1465577.223	598293.765
SU1FSS021	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/15/2005	1465577.223	598293.765
SU1FSS021	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465577.223	598293.765
SU1FSS021	Lead-210	0.68	PCI/G	0.55			7.4	03/15/2005	1465577.223	598293.765
SU1FSS021	Plutonium-238	1.29	PCI/G	0.03			55	03/15/2005	1465577.223	598293.765
SU1FSS021	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/15/2005	1465577.223	598293.765
SU1FSS021	Radium-226	1.69	PCI/G	0.65			2.9	03/15/2005	1465577.223	598293.765
SU1FSS021	Thorium-228	0.83	PCI/G	0.05			2.6	03/15/2005	1465577.223	598293.765
SU1FSS021	Thorium-230	0.89	PCI/G	0.03			2.8	03/15/2005	1465577.223	598293.765
SU1FSS021	Thorium-232	0.71	PCI/G	0.03			2.1	03/15/2005	1465577.223	598293.765
SU1FSS022	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/14/2005	1465592.223	598293.765
SU1FSS022	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005	1465592.223	598293.765
SU1FSS022	Cesium-137	0.09	PCI/G	0.05			3.8	03/14/2005	1465592.223	598293.765
SU1FSS022	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005	1465592.223	598293.765
SU1FSS022	Lead-210	1.76	PCI/G	0.81			7.4	03/14/2005	1465592.223	598293.765
SU1FSS022	Plutonium-238	1.06	PCI/G	0.05			55	03/14/2005	1465592.223	598293.765
SU1FSS022	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/14/2005	1465592.223	598293.765
SU1FSS022	Radium-226	2.03	PCI/G	0.93			2.9	03/14/2005	1465592.223	598293.765
SU1FSS022	Thorium-228	0.73	PCI/G	0.05			2.6	03/14/2005	1465592.223	598293.765
SU1FSS022	Thorium-230	1.13	PCI/G	0.03			2.8	03/14/2005	1465592.223	598293.765
SU1FSS022	Thorium-232	0.73	PCI/G	0.03			2.1	03/14/2005	1465592.223	598293.765
SU1FSS023	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/17/2005	1465569.723	598306.755
SU1FSS023	Americium-241	0.09	PCI/G	0.09	U		63	03/17/2005	1465569.723	598306.755
SU1FSS023	Cesium-137	0.24	PCI/G	0.07			3.8	03/17/2005	1465569.723	598306.755
SU1FSS023	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1465569.723	598306.755
SU1FSS023	Lead-210	1.68	PCI/G	0.86			7.4	03/17/2005	1465569.723	598306.755
SU1FSS023	Plutonium-238	0.79	PCI/G	0.03			55	03/17/2005	1465569.723	598306.755
SU1FSS023	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/17/2005	1465569.723	598306.755
SU1FSS023	Radium-226	1.04	PCI/G	0.88			2.9	03/17/2005	1465569.723	598306.755
SU1FSS023	Thorium-228	0.68	PCI/G	0.03			2.6	03/14/2005	1465569.723	598306.755
SU1FSS023	Thorium-230	0.60	PCI/G	0.02			2.8	03/14/2005	1465569.723	598306.755
SU1FSS023	Thorium-232	0.68	PCI/G	0.03			2.1	03/14/2005	1465569.723	598306.755
SU1FSS024	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/14/2005	1465584.723	598306.755
SU1FSS024	Americium-241	0.05	PCI/G	0.05	U		63	03/14/2005	1465584.723	598306.755
SU1FSS024	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/14/2005	1465584.723	598306.755

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU1FSS024	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005	1465584.723	598306.755
SU1FSS024	Lead-210	0.55	PCI/G	0.48			7.4	03/14/2005	1465584.723	598306.755
SU1FSS024	Plutonium-238	8.10	PCI/G	0.07			55	03/14/2005	1465584.723	598306.755
SU1FSS024	Plutonium-239/240	0.09	PCI/G	0.05	J	J	62	03/14/2005	1465584.723	598306.755
SU1FSS024	Radium-226	0.76	PCI/G	0.60			2.9	03/14/2005	1465584.723	598306.755
SU1FSS024	Thorium-228	0.52	PCI/G	0.06			2.6	03/14/2005	1465584.723	598306.755
SU1FSS024	Thorium-230	0.72	PCI/G	0.04			2.8	03/14/2005	1465584.723	598306.755
SU1FSS024	Thorium-232	0.53	PCI/G	0.02			2.1	03/14/2005	1465584.723	598306.755
SU1FSS025	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/14/2005	1465599.723	598306.755
SU1FSS025	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005	1465599.723	598306.755
SU1FSS025	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/14/2005	1465599.723	598306.755
SU1FSS025	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005	1465599.723	598306.755
SU1FSS025	Lead-210	0.86	PCI/G	0.63			7.4	03/14/2005	1465599.723	598306.755
SU1FSS025	Plutonium-238	0.60	PCI/G	0.03			55	03/14/2005	1465599.723	598306.755
SU1FSS025	Plutonium-239/240	0.00	PCI/G	0.04	U	UJ	62	03/14/2005	1465599.723	598306.755
SU1FSS025	Radium-226	2.06	PCI/G	0.85			2.9	03/14/2005	1465599.723	598306.755
SU1FSS025	Thorium-228	0.64	PCI/G	0.05			2.6	03/14/2005	1465599.723	598306.755
SU1FSS025	Thorium-230	1.27	PCI/G	0.04			2.8	03/14/2005	1465599.723	598306.755
SU1FSS025	Thorium-232	0.73	PCI/G	0.03			2.1	03/14/2005	1465599.723	598306.755
SU1FSS026	Actinium-227	0.48	PCI/G	0.48	U		4.6	03/14/2005	1465577.223	598319.745
SU1FSS026	Americium-241	0.12	PCI/G	0.12	U		63	03/14/2005	1465577.223	598319.745
SU1FSS026	Cesium-137	0.45	PCI/G	0.11			3.8	03/14/2005	1465577.223	598319.745
SU1FSS026	Cobalt-60	0.13	PCI/G	0.13	U		0.7	03/14/2005	1465577.223	598319.745
SU1FSS026	Lead-210	3.26	PCI/G	1.09			7.4	03/14/2005	1465577.223	598319.745
SU1FSS026	Plutonium-238	4.98	PCI/G	0.05			55	03/14/2005	1465577.223	598319.745
SU1FSS026	Plutonium-239/240	0.08	PCI/G	0.03	J	J	62	03/14/2005	1465577.223	598319.745
SU1FSS026	Radium-226	1.91	PCI/G	1.07			2.9	03/14/2005	1465577.223	598319.745
SU1FSS026	Thorium-228	0.91	PCI/G	0.06			2.6	03/14/2005	1465577.223	598319.745
SU1FSS026	Thorium-230	1.00	PCI/G	0.06			2.8	03/14/2005	1465577.223	598319.745
SU1FSS026	Thorium-232	0.91	PCI/G	0.05			2.1	03/14/2005	1465577.223	598319.745
SU1FSS027	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/14/2005	1465592.223	598319.745
SU1FSS027	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005	1465592.223	598319.745
SU1FSS027	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/14/2005	1465592.223	598319.745
SU1FSS027	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005	1465592.223	598319.745
SU1FSS027	Lead-210	1.01	PCI/G	0.61			7.4	03/14/2005	1465592.223	598319.745
SU1FSS027	Plutonium-238	0.65	PCI/G	0.10			55	03/14/2005	1465592.223	598319.745
SU1FSS027	Plutonium-239/240	0.08	PCI/G	0.08	U	U	62	03/14/2005	1465592.223	598319.745
SU1FSS027	Radium-226	1.77	PCI/G	0.77			2.9	03/14/2005	1465592.223	598319.745
SU1FSS027	Thorium-228	0.79	PCI/G	0.07			2.6	03/14/2005	1465592.223	598319.745
SU1FSS027	Thorium-230	1.24	PCI/G	0.05			2.8	03/14/2005	1465592.223	598319.745
SU1FSS027	Thorium-232	0.73	PCI/G	0.05			2.1	03/14/2005	1465592.223	598319.745
SU1FSS028	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/14/2005	1465607.223	598319.745
SU1FSS028	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005	1465607.223	598319.745
SU1FSS028	Cesium-137	0.04	PCI/G	0.03			3.8	03/14/2005	1465607.223	598319.745
SU1FSS028	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/14/2005	1465607.223	598319.745
SU1FSS028	Lead-210	1.24	PCI/G	0.58			7.4	03/14/2005	1465607.223	598319.745
SU1FSS028	Plutonium-238	0.96	PCI/G	0.07			55	03/14/2005	1465607.223	598319.745
SU1FSS028	Plutonium-239/240	0.01	PCI/G	0.05	U	UJ	62	03/14/2005	1465607.223	598319.745
SU1FSS028	Radium-226	2.01	PCI/G	0.67			2.9	03/14/2005	1465607.223	598319.745
SU1FSS028	Thorium-228	0.54	PCI/G	0.05			2.6	03/14/2005	1465607.223	598319.745
SU1FSS028	Thorium-230	0.99	PCI/G	0.03			2.8	03/14/2005	1465607.223	598319.745
SU1FSS028	Thorium-232	0.49	PCI/G	0.03			2.1	03/14/2005	1465607.223	598319.745
SU1FSS029	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/15/2005	1465584.723	598332.736
SU1FSS029	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005	1465584.723	598332.736
SU1FSS029	Cesium-137	0.06	PCI/G	0.04			3.8	03/15/2005	1465584.723	598332.736
SU1FSS029	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/15/2005	1465584.723	598332.736
SU1FSS029	Lead-210	1.46	PCI/G	0.84			7.4	03/15/2005	1465584.723	598332.736
SU1FSS029	Plutonium-238	0.84	PCI/G	0.03			55	03/15/2005	1465584.723	598332.736
SU1FSS029	Plutonium-239/240	0.00	PCI/G	0.04	U	UJ	62	03/15/2005	1465584.723	598332.736
SU1FSS029	Radium-226	1.42	PCI/G	0.78			2.9	03/15/2005	1465584.723	598332.736
SU1FSS029	Thorium-228	1.01	PCI/G	0.04			2.6	03/15/2005	1465584.723	598332.736
SU1FSS029	Thorium-230	1.36	PCI/G	0.02			2.8	03/15/2005	1465584.723	598332.736
SU1FSS029	Thorium-232	0.94	PCI/G	0.02			2.1	03/15/2005	1465584.723	598332.736
SU1FSS030	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/14/2005	1465599.723	598332.736

Table 3: Verification Results (SUs 1-4)

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Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU1FSS030	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005	1465599.723	598332.736
SU1FSS030	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/14/2005	1465599.723	598332.736
SU1FSS030	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/14/2005	1465599.723	598332.736
SU1FSS030	Lead-210	1.41	PCI/G	0.90			7.4	03/14/2005	1465599.723	598332.736
SU1FSS030	Plutonium-238	1.64	PCI/G	0.08			55	03/14/2005	1465599.723	598332.736
SU1FSS030	Plutonium-239/240	0.03	PCI/G	0.05	U	UJ	62	03/14/2005	1465599.723	598332.736
SU1FSS030	Radium-226	1.58	PCI/G	0.95			2.9	03/14/2005	1465599.723	598332.736
SU1FSS030	Thorium-228	0.58	PCI/G	0.08			2.6	03/14/2005	1465599.723	598332.736
SU1FSS030	Thorium-230	1.11	PCI/G	0.05			2.8	03/14/2005	1465599.723	598332.736
SU1FSS030	Thorium-232	0.72	PCI/G	0.04			2.1	03/14/2005	1465599.723	598332.736
SU1FSSB1	Actinium-227	0.39	PCI/G	0.39	U		4.6	03/15/2005	1465509.723	598202.832
SU1FSSB1	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005	1465509.723	598202.832
SU1FSSB1	Cesium-137	0.20	PCI/G	0.04			3.8	03/15/2005	1465509.723	598202.832
SU1FSSB1	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/15/2005	1465509.723	598202.832
SU1FSSB1	Lead-210	1.69	PCI/G	0.86			7.4	03/15/2005	1465509.723	598202.832
SU1FSSB1	Plutonium-238	9.90	PCI/G	0.04			55	03/15/2005	1465509.723	598202.832
SU1FSSB1	Plutonium-239/240	0.14	PCI/G	0.02			62	03/15/2005	1465509.723	598202.832
SU1FSSB1	Radium-226	1.41	PCI/G	0.85			2.9	03/15/2005	1465509.723	598202.832
SU1FSSB1	Thorium-228	1.21	PCI/G	0.03			2.6	03/15/2005	1465509.723	598202.832
SU1FSSB1	Thorium-230	1.19	PCI/G	0.03			2.8	03/15/2005	1465509.723	598202.832
SU1FSSB1	Thorium-232	0.88	PCI/G	0.03			2.1	03/15/2005	1465509.723	598202.832
SU1FSSB2	2,4,6-Tribromopheno	1700.00	UG/KG					04/11/2005	1465599.385	598325.075
SU1FSSB2	2-Fluorobiphenyl	1400.00	UG/KG					04/11/2005	1465599.385	598325.075
SU1FSSB2	2-Fluorophenol	1900.00	UG/KG					04/11/2005	1465599.385	598325.075
SU1FSSB2	Actinium-227	0.19	PCI/G	0.19	U		4.6	03/16/2005	1465599.385	598325.075
SU1FSSB2	Americium-241	0.05	PCI/G	0.05	U		63	04/11/2005	1465599.385	598325.075
SU1FSSB2	Benzo(a)pyrene	390.00	UG/KG	390.00	U	UJ	4080	04/11/2005	1465599.385	598325.075
SU1FSSB2	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/16/2005	1465599.385	598325.075
SU1FSSB2	Cobalt-60	0.05	PCI/G	0.05	U		0.7	04/11/2005	1465599.385	598325.075
SU1FSSB2	Lead-210	0.74	PCI/G	0.47			7.4	04/11/2005	1465599.385	598325.075
SU1FSSB2	Nitrobenzene-d5	1300.00	UG/KG					04/11/2005	1465599.385	598325.075
SU1FSSB2	Phenol-d5	1900.00	UG/KG					04/11/2005	1465599.385	598325.075
SU1FSSB2	Plutonium-238	1.56	PCI/G	0.03			55	04/11/2005	1465599.385	598325.075
SU1FSSB2	Plutonium-239/240	0.01	PCI/G	0.01	J	J	62	04/11/2005	1465599.385	598325.075
SU1FSSB2	P-Terphenyl-d14	1400.00	UG/KG					04/11/2005	1465599.385	598325.075
SU1FSSB2	Radium-226	1.38	PCI/G	0.55			2.9	04/11/2005	1465599.385	598325.075
SU1FSSB2	Thorium-228	0.32	PCI/G	0.06			2.6	03/16/2005	1465599.385	598325.075
SU1FSSB2	Thorium-230	0.94	PCI/G	0.02			2.8	03/16/2005	1465599.385	598325.075
SU1FSSB2	Thorium-232	0.35	PCI/G	0.04			2.1	03/16/2005	1465599.385	598325.075
SU2FSS002	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005	1465282.43	598050.543
SU2FSS002	Americium-241	0.06	PCI/G	0.06	U		63	03/15/2005	1465282.43	598050.543
SU2FSS002	Cesium-137	0.13	PCI/G	0.03			3.8	03/15/2005	1465282.43	598050.543
SU2FSS002	Cobalt-60	0.03	PCI/G	0.03	U		0.7	03/15/2005	1465282.43	598050.543
SU2FSS002	Lead-210	1.22	PCI/G	0.62			7.4	03/15/2005	1465282.43	598050.543
SU2FSS002	Plutonium-238	1.76	PCI/G	0.07			55	03/15/2005	1465282.43	598050.543
SU2FSS002	Plutonium-239/240	0.05	PCI/G	0.05	U	UJ	62	03/15/2005	1465282.43	598050.543
SU2FSS002	Radium-226	2.80	PCI/G	0.56			2.9	03/15/2005	1465282.43	598050.543
SU2FSS002	Thorium-228	0.73	PCI/G	0.05			2.6	03/15/2005	1465282.43	598050.543
SU2FSS002	Thorium-230	1.24	PCI/G	0.02			2.8	03/15/2005	1465282.43	598050.543
SU2FSS002	Thorium-232	0.94	PCI/G	0.03			2.1	03/15/2005	1465282.43	598050.543
SU2FSS003	Actinium-227	0.52	PCI/G	0.52	U		4.6	03/15/2005	1465297.43	598050.543
SU2FSS003	Americium-241	0.12	PCI/G	0.12	U		63	03/15/2005	1465297.43	598050.543
SU2FSS003	Cesium-137	0.12	PCI/G	0.08			3.8	03/15/2005	1465297.43	598050.543
SU2FSS003	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005	1465297.43	598050.543
SU2FSS003	Lead-210	2.48	PCI/G	1.03			7.4	03/15/2005	1465297.43	598050.543
SU2FSS003	Plutonium-238	0.62	PCI/G	0.04			55	03/15/2005	1465297.43	598050.543
SU2FSS003	Plutonium-239/240	0.04	PCI/G	0.04	U	U	62	03/15/2005	1465297.43	598050.543
SU2FSS003	Radium-226	2.76	PCI/G	1.12			2.9	03/15/2005	1465297.43	598050.543
SU2FSS003	Thorium-228	0.85	PCI/G	0.05			2.6	03/15/2005	1465297.43	598050.543
SU2FSS003	Thorium-230	1.35	PCI/G	0.03			2.8	03/15/2005	1465297.43	598050.543
SU2FSS003	Thorium-232	0.89	PCI/G	0.03			2.1	03/15/2005	1465297.43	598050.543
SU2FSS004	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005	1465312.43	598050.543
SU2FSS004	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465312.43	598050.543
SU2FSS004	Cesium-137	0.07	PCI/G	0.05			3.8	03/15/2005	1465312.43	598050.543

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU2FSS004	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005	1465312.43	598050.543
SU2FSS004	Lead-210	2.26	PCI/G	0.77			7.4	03/15/2005	1465312.43	598050.543
SU2FSS004	Plutonium-238	0.76	PCI/G	0.03			55	03/15/2005	1465312.43	598050.543
SU2FSS004	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005	1465312.43	598050.543
SU2FSS004	Radium-226	1.77	PCI/G	0.90			2.9	03/15/2005	1465312.43	598050.543
SU2FSS004	Thorium-228	0.59	PCI/G	0.03			2.6	03/15/2005	1465312.43	598050.543
SU2FSS004	Thorium-230	0.91	PCI/G	0.01			2.8	03/15/2005	1465312.43	598050.543
SU2FSS004	Thorium-232	0.49	PCI/G	0.02			2.1	03/15/2005	1465312.43	598050.543
SU2FSS005	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/15/2005	1465259.93	598063.533
SU2FSS005	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465259.93	598063.533
SU2FSS005	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/15/2005	1465259.93	598063.533
SU2FSS005	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465259.93	598063.533
SU2FSS005	Lead-210	1.66	PCI/G	0.75			7.4	03/15/2005	1465259.93	598063.533
SU2FSS005	Plutonium-238	0.24	PCI/G	0.06			55	03/15/2005	1465259.93	598063.533
SU2FSS005	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/15/2005	1465259.93	598063.533
SU2FSS005	Radium-226	1.50	PCI/G	0.78			2.9	03/15/2005	1465259.93	598063.533
SU2FSS005	Thorium-228	0.52	PCI/G	0.05			2.6	03/15/2005	1465259.93	598063.533
SU2FSS005	Thorium-230	1.04	PCI/G	0.04			2.8	03/15/2005	1465259.93	598063.533
SU2FSS005	Thorium-232	0.63	PCI/G	0.02			2.1	03/15/2005	1465259.93	598063.533
SU2FSS006	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/15/2005	1465274.93	598063.533
SU2FSS006	Americium-241	0.06	PCI/G	0.06	U		63	03/15/2005	1465274.93	598063.533
SU2FSS006	Cesium-137	0.03	PCI/G	0.03			3.8	03/15/2005	1465274.93	598063.533
SU2FSS006	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465274.93	598063.533
SU2FSS006	Lead-210	0.93	PCI/G	0.59			7.4	03/15/2005	1465274.93	598063.533
SU2FSS006	Plutonium-238	4.98	PCI/G	0.10			55	03/15/2005	1465274.93	598063.533
SU2FSS006	Plutonium-239/240	0.07	PCI/G	0.08	U	U	62	03/15/2005	1465274.93	598063.533
SU2FSS006	Radium-226	1.18	PCI/G	0.75			2.9	03/15/2005	1465274.93	598063.533
SU2FSS006	Thorium-228	0.59	PCI/G	0.04			2.6	03/15/2005	1465274.93	598063.533
SU2FSS006	Thorium-230	0.65	PCI/G	0.04			2.8	03/15/2005	1465274.93	598063.533
SU2FSS006	Thorium-232	0.43	PCI/G	0.04			2.1	03/15/2005	1465274.93	598063.533
SU2FSS007	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/15/2005	1465289.93	598063.533
SU2FSS007	Americium-241	0.16	PCI/G	0.09			63	03/15/2005	1465289.93	598063.533
SU2FSS007	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/15/2005	1465289.93	598063.533
SU2FSS007	Cobalt-60	1.11	PCI/G	1.11	U		0.7	03/15/2005	1465289.93	598063.533
SU2FSS007	Lead-210	2.98	PCI/G	0.87			7.4	03/15/2005	1465289.93	598063.533
SU2FSS007	Plutonium-238	21.80	PCI/G	0.07			55	03/15/2005	1465289.93	598063.533
SU2FSS007	Plutonium-239/240	0.37	PCI/G	0.05			62	03/15/2005	1465289.93	598063.533
SU2FSS007	Radium-226	1.76	PCI/G	1.02			2.9	03/15/2005	1465289.93	598063.533
SU2FSS007	Thorium-228	1.23	PCI/G	0.04			2.6	03/15/2005	1465289.93	598063.533
SU2FSS007	Thorium-230	0.83	PCI/G	0.03			2.8	03/15/2005	1465289.93	598063.533
SU2FSS007	Thorium-232	0.76	PCI/G	0.03			2.1	03/15/2005	1465289.93	598063.533
SU2FSS008	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/15/2005	1465304.93	598063.533
SU2FSS008	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005	1465304.93	598063.533
SU2FSS008	Cesium-137	0.06	PCI/G	0.04			3.8	03/15/2005	1465304.93	598063.533
SU2FSS008	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465304.93	598063.533
SU2FSS008	Lead-210	0.88	PCI/G	0.73			7.4	03/15/2005	1465304.93	598063.533
SU2FSS008	Plutonium-238	14.90	PCI/G	0.07			55	03/15/2005	1465304.93	598063.533
SU2FSS008	Plutonium-239/240	0.21	PCI/G	0.05			62	03/15/2005	1465304.93	598063.533
SU2FSS008	Radium-226	1.51	PCI/G	0.74			2.9	03/15/2005	1465304.93	598063.533
SU2FSS008	Thorium-228	0.91	PCI/G	0.03			2.6	03/15/2005	1465304.93	598063.533
SU2FSS008	Thorium-230	0.93	PCI/G	0.02			2.8	03/15/2005	1465304.93	598063.533
SU2FSS008	Thorium-232	0.60	PCI/G	0.02			2.1	03/15/2005	1465304.93	598063.533
SU2FSS009	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005	1465319.93	598063.533
SU2FSS009	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005	1465319.93	598063.533
SU2FSS009	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/15/2005	1465319.93	598063.533
SU2FSS009	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465319.93	598063.533
SU2FSS009	Lead-210	0.72	PCI/G	0.72	U		7.4	03/15/2005	1465319.93	598063.533
SU2FSS009	Plutonium-238	7.30	PCI/G	0.05			55	03/15/2005	1465319.93	598063.533
SU2FSS009	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/15/2005	1465319.93	598063.533
SU2FSS009	Radium-226	1.92	PCI/G	0.81			2.9	03/15/2005	1465319.93	598063.533
SU2FSS009	Thorium-228	0.96	PCI/G	0.05			2.6	03/15/2005	1465319.93	598063.533
SU2FSS009	Thorium-230	1.04	PCI/G	0.05			2.8	03/15/2005	1465319.93	598063.533
SU2FSS009	Thorium-232	0.81	PCI/G	0.04			2.1	03/15/2005	1465319.93	598063.533
SU2FSS010	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/15/2005	1465334.93	598063.533
SU2FSS010	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465334.93	598063.533

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU2FSS010	Cesium-137	0.07	PCI/G	0.06			3.8	03/15/2005	1465334.93	598063.533
SU2FSS010	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465334.93	598063.533
SU2FSS010	Lead-210	1.39	PCI/G	0.89			7.4	03/15/2005	1465334.93	598063.533
SU2FSS010	Plutonium-238	0.77	PCI/G	0.04			55	03/15/2005	1465334.93	598063.533
SU2FSS010	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/15/2005	1465334.93	598063.533
SU2FSS010	Radium-226	1.90	PCI/G	0.81			2.9	03/15/2005	1465334.93	598063.533
SU2FSS010	Thorium-228	0.68	PCI/G	0.03			2.6	03/15/2005	1465334.93	598063.533
SU2FSS010	Thorium-230	1.03	PCI/G	0.02			2.8	03/15/2005	1465334.93	598063.533
SU2FSS010	Thorium-232	0.70	PCI/G	0.02			2.1	03/15/2005	1465334.93	598063.533
SU2FSS011	Actinium-227	0.35	PCI/G	0.35	U		4.6	03/15/2005	1465267.43	598076.523
SU2FSS011	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005	1465267.43	598076.523
SU2FSS011	Cesium-137	0.59	PCI/G	0.05			3.8	03/15/2005	1465267.43	598076.523
SU2FSS011	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465267.43	598076.523
SU2FSS011	Lead-210	2.28	PCI/G	0.94			7.4	03/15/2005	1465267.43	598076.523
SU2FSS011	Plutonium-238	2.56	PCI/G	0.05			55	03/15/2005	1465267.43	598076.523
SU2FSS011	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	03/15/2005	1465267.43	598076.523
SU2FSS011	Radium-226	2.29	PCI/G	1.00			2.9	03/15/2005	1465267.43	598076.523
SU2FSS011	Thorium-228	0.75	PCI/G	0.03			2.6	03/15/2005	1465267.43	598076.523
SU2FSS011	Thorium-230	0.89	PCI/G	0.03			2.8	03/15/2005	1465267.43	598076.523
SU2FSS011	Thorium-232	0.74	PCI/G	0.03			2.1	03/15/2005	1465267.43	598076.523
SU2FSS012	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005	1465282.43	598076.523
SU2FSS012	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465282.43	598076.523
SU2FSS012	Cesium-137	0.16	PCI/G	0.07			3.8	03/15/2005	1465282.43	598076.523
SU2FSS012	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465282.43	598076.523
SU2FSS012	Lead-210	2.12	PCI/G	0.81			7.4	03/15/2005	1465282.43	598076.523
SU2FSS012	Plutonium-238	10.00	PCI/G	0.05			55	03/15/2005	1465282.43	598076.523
SU2FSS012	Plutonium-239/240	0.23	PCI/G	0.03			62	03/15/2005	1465282.43	598076.523
SU2FSS012	Radium-226	1.84	PCI/G	0.81			2.9	03/15/2005	1465282.43	598076.523
SU2FSS012	Thorium-228	1.24	PCI/G	0.05			2.6	03/15/2005	1465282.43	598076.523
SU2FSS012	Thorium-230	0.97	PCI/G	0.03			2.8	03/15/2005	1465282.43	598076.523
SU2FSS012	Thorium-232	0.66	PCI/G	0.02			2.1	03/15/2005	1465282.43	598076.523
SU2FSS013	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/15/2005	1465297.43	598076.523
SU2FSS013	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465297.43	598076.523
SU2FSS013	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/15/2005	1465297.43	598076.523
SU2FSS013	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005	1465297.43	598076.523
SU2FSS013	Lead-210	1.84	PCI/G	0.82			7.4	03/15/2005	1465297.43	598076.523
SU2FSS013	Plutonium-238	7.93	PCI/G	0.04			55	03/15/2005	1465297.43	598076.523
SU2FSS013	Plutonium-239/240	0.08	PCI/G	0.02	J	J	62	03/15/2005	1465297.43	598076.523
SU2FSS013	Radium-226	1.12	PCI/G	0.99			2.9	03/15/2005	1465297.43	598076.523
SU2FSS013	Thorium-228	0.55	PCI/G	0.06			2.6	03/15/2005	1465297.43	598076.523
SU2FSS013	Thorium-230	0.79	PCI/G	0.05			2.8	03/15/2005	1465297.43	598076.523
SU2FSS013	Thorium-232	0.58	PCI/G	0.03			2.1	03/15/2005	1465297.43	598076.523
SU2FSS014	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005	1465312.43	598076.523
SU2FSS014	Americium-241	0.09	PCI/G	0.08			63	03/15/2005	1465312.43	598076.523
SU2FSS014	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/15/2005	1465312.43	598076.523
SU2FSS014	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465312.43	598076.523
SU2FSS014	Lead-210	1.62	PCI/G	0.72			7.4	03/15/2005	1465312.43	598076.523
SU2FSS014	Plutonium-238	14.20	PCI/G	0.05			55	03/15/2005	1465312.43	598076.523
SU2FSS014	Plutonium-239/240	0.14	PCI/G	0.02			62	03/15/2005	1465312.43	598076.523
SU2FSS014	Radium-226	1.47	PCI/G	0.88			2.9	03/15/2005	1465312.43	598076.523
SU2FSS014	Thorium-228	0.70	PCI/G	0.06			2.6	03/15/2005	1465312.43	598076.523
SU2FSS014	Thorium-230	0.99	PCI/G	0.04			2.8	03/15/2005	1465312.43	598076.523
SU2FSS014	Thorium-232	0.73	PCI/G	0.04			2.1	03/15/2005	1465312.43	598076.523
SU2FSS015	Actinium-227	0.34	PCI/G	0.34	U		4.6	03/15/2005	1465327.43	598076.523
SU2FSS015	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465327.43	598076.523
SU2FSS015	Cesium-137	0.10	PCI/G	0.10	U		3.8	03/15/2005	1465327.43	598076.523
SU2FSS015	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465327.43	598076.523
SU2FSS015	Lead-210	2.41	PCI/G	1.02			7.4	03/15/2005	1465327.43	598076.523
SU2FSS015	Plutonium-238	6.19	PCI/G	0.05			55	03/15/2005	1465327.43	598076.523
SU2FSS015	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/15/2005	1465327.43	598076.523
SU2FSS015	Radium-226	1.94	PCI/G	1.05			2.9	03/15/2005	1465327.43	598076.523
SU2FSS015	Thorium-228	0.52	PCI/G	0.03			2.6	03/15/2005	1465327.43	598076.523
SU2FSS015	Thorium-230	0.78	PCI/G	0.03			2.8	03/15/2005	1465327.43	598076.523
SU2FSS015	Thorium-232	0.48	PCI/G	0.04			2.1	03/15/2005	1465327.43	598076.523
SU2FSS016	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/15/2005	1465342.43	598076.523

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU2FSS016	Americium-241	0.05	PCI/G	0.05	U		63	03/15/2005	1465342.43	598076.523
SU2FSS016	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/15/2005	1465342.43	598076.523
SU2FSS016	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/15/2005	1465342.43	598076.523
SU2FSS016	Lead-210	0.53	PCI/G	0.53			7.4	03/15/2005	1465342.43	598076.523
SU2FSS016	Plutonium-238	4.17	PCI/G	0.05			55	03/15/2005	1465342.43	598076.523
SU2FSS016	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/15/2005	1465342.43	598076.523
SU2FSS016	Radium-226	0.89	PCI/G	0.70			2.9	03/15/2005	1465342.43	598076.523
SU2FSS016	Thorium-228	0.44	PCI/G	0.04			2.6	03/15/2005	1465342.43	598076.523
SU2FSS016	Thorium-230	0.48	PCI/G	0.02			2.8	03/15/2005	1465342.43	598076.523
SU2FSS016	Thorium-232	0.22	PCI/G	0.02			2.1	03/15/2005	1465342.43	598076.523
SU2FSS018	Actinium-227	0.34	PCI/G	0.34	U		4.6	03/15/2005	1465349.93	598089.514
SU2FSS018	Americium-241	0.11	PCI/G	0.11	U		63	03/15/2005	1465349.93	598089.514
SU2FSS018	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/15/2005	1465349.93	598089.514
SU2FSS018	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465349.93	598089.514
SU2FSS018	Lead-210	0.84	PCI/G	0.84			7.4	03/15/2005	1465349.93	598089.514
SU2FSS018	Plutonium-238	2.68	PCI/G	0.04		J	55	03/16/2005	1465349.93	598089.514
SU2FSS018	Plutonium-239/240	0.08	PCI/G	0.04	J	J	62	03/15/2005	1465349.93	598089.514
SU2FSS018	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/16/2005	1465349.93	598089.514
SU2FSS018	Radium-226	1.23	PCI/G	1.00			2.9	03/15/2005	1465349.93	598089.514
SU2FSS018	Thorium-228	0.78	PCI/G	0.05			2.6	03/15/2005	1465349.93	598089.514
SU2FSS018	Thorium-230	0.48	PCI/G	0.05			2.8	03/16/2005	1465349.93	598089.514
SU2FSS018	Thorium-232	0.29	PCI/G	0.04		J	2.1	03/16/2005	1465349.93	598089.514
SU2FSS019	**swipe, see RSDS**	05-ER-208								
SU2FSS020	**swipe, see RSDS**	05-ER-208								
SU2FSS021	**swipe, see RSDS**	05-ER-208								
~~SU2FSS022~~	~~Actinium-227~~	~~0.39~~	~~PCI/G~~	~~0.39~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Americium-241~~	~~0.15~~	~~PCI/G~~	~~0.11~~			~~63~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Cesium-137~~	~~0.12~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Lead-210~~	~~1.07~~	~~PCI/G~~	~~1.01~~			~~7.4~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Plutonium-238~~	~~91.00~~	~~PCI/G~~	~~0.03~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Plutonium-239/240~~	~~0.36~~	~~PCI/G~~	~~0.02~~			~~62~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Radium-226~~	~~1.34~~	~~PCI/G~~	~~1.18~~			~~2.9~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Thorium-228~~	~~1.86~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Thorium-230~~	~~1.03~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS022~~	~~Thorium-232~~	~~0.75~~	~~PCI/G~~	~~0.03~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465394.93~~	~~598098.174~~
~~SU2FSS023~~	~~Actinium-227~~	~~0.38~~	~~PCI/G~~	~~0.38~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Cesium-137~~	~~0.05~~	~~PCI/G~~	~~0.04~~			~~3.8~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Lead-210~~	~~0.81~~	~~PCI/G~~	~~0.81~~	~~U~~		~~7.4~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Plutonium-238~~	~~5.09~~	~~PCI/G~~	~~0.05~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Plutonium-239/240~~	~~0.01~~	~~PCI/G~~	~~0.04~~	~~U~~	~~UJ~~	~~62~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Radium-226~~	~~1.00~~	~~PCI/G~~	~~1.00~~	~~U~~		~~2.9~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Thorium-228~~	~~0.33~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Thorium-230~~	~~0.55~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
~~SU2FSS023~~	~~Thorium-232~~	~~0.29~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465409.93~~	~~598098.175~~
SU2FSS024	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/16/2005	1465372.43	598111.165
SU2FSS024	Americium-241	0.06	PCI/G	0.06	U		63	03/16/2005	1465372.43	598111.165
SU2FSS024	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/16/2005	1465372.43	598111.165
SU2FSS024	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/16/2005	1465372.43	598111.165
SU2FSS024	Lead-210	1.64	PCI/G	0.56			7.4	03/16/2005	1465372.43	598111.165
SU2FSS024	Plutonium-238	0.39	PCI/G	0.04			55	03/16/2005	1465372.43	598111.165
SU2FSS024	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/16/2005	1465372.43	598111.165
SU2FSS024	Radium-226	0.93	PCI/G	0.55			2.9	03/16/2005	1465372.43	598111.165
SU2FSS024	Thorium-228	0.17	PCI/G	0.08		J	2.6	03/16/2005	1465372.43	598111.165
SU2FSS024	Thorium-230	0.30	PCI/G	0.04			2.8	03/16/2005	1465372.43	598111.165
SU2FSS024	Thorium-232	0.16	PCI/G	0.04			2.1	03/16/2005	1465372.43	598111.165
~~SU2FSS025~~	~~Plutonium-238~~	~~14.70~~	~~PCI/G~~	~~0.03~~			~~55~~	~~03/15/2005~~	~~1465387.43~~	~~598111.165~~
~~SU2FSS025~~	~~Plutonium-239/240~~	~~0.07~~	~~PCI/G~~	~~0.01~~	~~J~~		~~62~~	~~03/15/2005~~	~~1465387.43~~	~~598111.165~~
~~SU2FSS025~~	~~Thorium-228~~	~~0.73~~	~~PCI/G~~	~~0.06~~			~~2.6~~	~~03/15/2005~~	~~1465387.43~~	~~598111.165~~
~~SU2FSS025~~	~~Thorium-230~~	~~1.00~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465387.43~~	~~598111.165~~
~~SU2FSS025~~	~~Thorium-232~~	~~0.59~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~03/15/2005~~	~~1465387.43~~	~~598111.165~~
~~SU2FSS026~~	~~Actinium-227~~	~~0.26~~	~~PCI/G~~	~~0.26~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465402.43~~	~~598111.165~~
~~SU2FSS026~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465402.43~~	~~598111.165~~

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU2FSS026	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/15/2005	1465402.43	598111.165
SU2FSS026	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465402.43	598111.165
SU2FSS026	Lead-210	0.79	PCI/G	0.71			7.4	03/15/2005	1465402.43	598111.165
SU2FSS026	Plutonium-238	11.00	PCI/G	0.03			55	03/15/2005	1465402.43	598111.165
SU2FSS026	Plutonium-239/240	0.10	PCI/G	0.03			62	03/15/2005	1465402.43	598111.165
SU2FSS026	Radium-226	1.30	PCI/G	0.92			2.9	03/15/2005	1465402.43	598111.165
SU2FSS026	Thorium-228	1.05	PCI/G	0.03			2.6	03/15/2005	1465402.43	598111.165
SU2FSS026	Thorium-230	1.17	PCI/G	0.03			2.8	03/15/2005	1465402.43	598111.165
SU2FSS026	Thorium-232	0.77	PCI/G	0.03			2.1	03/15/2005	1465402.43	598111.165
SU2FSS027	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/15/2005	1465417.43	598111.165
SU2FSS027	Americium-241	0.24	PCI/G	0.08			63	03/15/2005	1465417.43	598111.165
SU2FSS027	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/15/2005	1465417.43	598111.165
SU2FSS027	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005	1465417.43	598111.165
SU2FSS027	Lead-210	0.59	PCI/G	0.59	U		7.4	03/15/2005	1465417.43	598111.165
SU2FSS027	Plutonium-238	295.00	PCI/G	0.04		J	55	03/15/2005	1465417.43	598111.165
SU2FSS027	Plutonium-239/240	0.85	PCI/G	0.03			62	03/15/2005	1465417.43	598111.165
SU2FSS027	Radium-226	1.39	PCI/G	0.63			2.9	03/15/2005	1465417.43	598111.165
SU2FSS027	Thorium-228	4.01	PCI/G	0.04			2.6	03/15/2005	1465417.43	598111.165
SU2FSS027	Thorium-230	0.98	PCI/G	0.03			2.8	03/15/2005	1465417.43	598111.165
SU2FSS027	Thorium-232	0.57	PCI/G	0.03		J	2.1	03/15/2005	1465417.43	598111.165
SU2FSS028	Actinium-227	0.39	PCI/G	0.39	U		4.6	03/15/2005	1465379.93	598124.155
SU2FSS028	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005	1465379.93	598124.155
SU2FSS028	Cesium-137	0.12	PCI/G	0.04			3.8	03/15/2005	1465379.93	598124.155
SU2FSS028	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465379.93	598124.155
SU2FSS028	Lead-210	2.30	PCI/G	0.87			7.4	03/15/2005	1465379.93	598124.155
SU2FSS028	Plutonium-238	0.48	PCI/G	0.04			55	03/15/2005	1465379.93	598124.155
SU2FSS028	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005	1465379.93	598124.155
SU2FSS028	Radium-226	1.43	PCI/G	0.86			2.9	03/15/2005	1465379.93	598124.155
SU2FSS028	Thorium-228	0.54	PCI/G	0.05			2.6	03/15/2005	1465379.93	598124.155
SU2FSS028	Thorium-230	0.88	PCI/G	0.03			2.8	03/15/2005	1465379.93	598124.155
SU2FSS028	Thorium-232	0.71	PCI/G	0.04			2.1	03/15/2005	1465379.93	598124.155
SU2FSS029	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/15/2005	1465394.93	598124.155
SU2FSS029	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005	1465394.93	598124.155
SU2FSS029	Cesium-137	0.08	PCI/G	0.03			3.8	03/15/2005	1465394.93	598124.155
SU2FSS029	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465394.93	598124.155
SU2FSS029	Lead-210	1.58	PCI/G	0.66			7.4	03/15/2005	1465394.93	598124.155
SU2FSS029	Plutonium-238	5.21	PCI/G	0.05			55	03/15/2005	1465394.93	598124.155
SU2FSS029	Plutonium-239/240	0.02	PCI/G	0.04	U	UJ	62	03/15/2005	1465394.93	598124.155
SU2FSS029	Radium-226	1.03	PCI/G	0.75			2.9	03/15/2005	1465394.93	598124.155
SU2FSS029	Thorium-228	0.42	PCI/G	0.11			2.6	03/15/2005	1465394.93	598124.155
SU2FSS029	Thorium-230	0.55	PCI/G	0.06			2.8	03/15/2005	1465394.93	598124.155
SU2FSS029	Thorium-232	0.35	PCI/G	0.07			2.1	03/15/2005	1465394.93	598124.155
SU2FSS030	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/15/2005	1465409.93	598124.155
SU2FSS030	Americium-241	0.10	PCI/G	0.10			63	03/15/2005	1465409.93	598124.155
SU2FSS030	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/15/2005	1465409.93	598124.155
SU2FSS030	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465409.93	598124.155
SU2FSS030	Lead-210	1.26	PCI/G	1.05			7.4	03/15/2005	1465409.93	598124.155
SU2FSS030	Plutonium-238	15.30	PCI/G	0.04		J	55	03/15/2005	1465409.93	598124.155
SU2FSS030	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/15/2005	1465409.93	598124.155
SU2FSS030	Radium-226	2.70	PCI/G	1.17			2.9	03/15/2005	1465409.93	598124.155
SU2FSS030	Thorium-228	0.96	PCI/G	0.04			2.6	03/15/2005	1465409.93	598124.155
SU2FSS030	Thorium-230	1.28	PCI/G	0.01			2.8	03/15/2005	1465409.93	598124.155
SU2FSS030	Thorium-232	0.91	PCI/G	0.03		J	2.1	03/15/2005	1465409.93	598124.155
SU2FSS031	Actinium-227	0.40	PCI/G	0.40	U		4.6	03/15/2005	1465424.93	598124.155
SU2FSS031	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465424.93	598124.155
SU2FSS031	Cesium-137	0.08	PCI/G	0.04			3.8	03/15/2005	1465424.93	598124.155
SU2FSS031	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465424.93	598124.155
SU2FSS031	Lead-210	1.17	PCI/G	0.86			7.4	03/15/2005	1465424.93	598124.155
SU2FSS031	Plutonium-238	6.55	PCI/G	0.04		J	55	03/15/2005	1465424.93	598124.155
SU2FSS031	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/15/2005	1465424.93	598124.155
SU2FSS031	Radium-226	2.24	PCI/G	0.81			2.9	03/15/2005	1465424.93	598124.155
SU2FSS031	Thorium-228	1.02	PCI/G	0.03			2.6	03/15/2005	1465424.93	598124.155
SU2FSS031	Thorium-230	1.36	PCI/G	0.01			2.8	03/15/2005	1465424.93	598124.155
SU2FSS031	Thorium-232	1.01	PCI/G	0.03		J	2.1	03/15/2005	1465424.93	598124.155

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU2FSS032	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005	1465387.43	598137.146
SU2FSS032	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005	1465387.43	598137.146
SU2FSS032	Cesium-137	0.18	PCI/G	0.03			3.8	03/15/2005	1465387.43	598137.146
SU2FSS032	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465387.43	598137.146
SU2FSS032	Lead-210	1.21	PCI/G	0.73			7.4	03/15/2005	1465387.43	598137.146
SU2FSS032	Plutonium-238	2.32	PCI/G	0.04		J	55	03/15/2005	1465387.43	598137.146
SU2FSS032	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005	1465387.43	598137.146
SU2FSS032	Radium-226	1.44	PCI/G	0.91			2.9	03/15/2005	1465387.43	598137.146
SU2FSS032	Thorium-228	0.56	PCI/G	0.05			2.6	03/15/2005	1465387.43	598137.146
SU2FSS032	Thorium-230	0.83	PCI/G	0.03			2.8	03/15/2005	1465387.43	598137.146
SU2FSS032	Thorium-232	0.67	PCI/G	0.03		J	2.1	03/15/2005	1465387.43	598137.146
SU2FSS033	Actinium-227	0.43	PCI/G	0.43	U		4.6	03/15/2005	1465402.43	598137.146
SU2FSS033	Americium-241	0.11	PCI/G	0.11			63	03/15/2005	1465402.43	598137.146
SU2FSS033	Cesium-137	0.27	PCI/G	0.07			3.8	03/15/2005	1465402.43	598137.146
SU2FSS033	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465402.43	598137.146
SU2FSS033	Lead-210	1.80	PCI/G	0.92			7.4	03/15/2005	1465402.43	598137.146
SU2FSS033	Plutonium-238	71.00	PCI/G	0.05			55	03/15/2005	1465402.43	598137.146
SU2FSS033	Plutonium-239/240	0.53	PCI/G	0.03			62	03/15/2005	1465402.43	598137.146
SU2FSS033	Radium-226	1.50	PCI/G	1.02			2.9	03/15/2005	1465402.43	598137.146
SU2FSS033	Thorium-228	1.57	PCI/G	0.05			2.6	03/15/2005	1465402.43	598137.146
SU2FSS033	Thorium-230	1.03	PCI/G	0.02			2.8	03/15/2005	1465402.43	598137.146
SU2FSS033	Thorium-232	1.04	PCI/G	0.04			2.1	03/15/2005	1465402.43	598137.146
SU2FSS034	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/15/2005	1465417.43	598137.146
SU2FSS034	Americium-241	0.06	PCI/G	0.06	U		63	03/15/2005	1465417.43	598137.146
SU2FSS034	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/15/2005	1465417.43	598137.146
SU2FSS034	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465417.43	598137.146
SU2FSS034	Lead-210	0.63	PCI/G	0.63	U		7.4	03/15/2005	1465417.43	598137.146
SU2FSS034	Plutonium-238	27.70	PCI/G	0.03		J	55	03/15/2005	1465417.43	598137.146
SU2FSS034	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	03/15/2005	1465417.43	598137.146
SU2FSS034	Radium-226	1.32	PCI/G	0.71			2.9	03/15/2005	1465417.43	598137.146
SU2FSS034	Thorium-228	1.23	PCI/G	0.04			2.6	03/15/2005	1465417.43	598137.146
SU2FSS034	Thorium-230	0.97	PCI/G	0.02			2.8	03/15/2005	1465417.43	598137.146
SU2FSS034	Thorium-232	0.82	PCI/G	0.02		J	2.1	03/15/2005	1465417.43	598137.146
SU2FSS035	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/14/2005	1465432.43	598137.146
SU2FSS035	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005	1465432.43	598137.146
SU2FSS035	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/14/2005	1465432.43	598137.146
SU2FSS035	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/14/2005	1465432.43	598137.146
SU2FSS035	Lead-210	2.73	PCI/G	0.96			7.4	03/14/2005	1465432.43	598137.146
SU2FSS035	Plutonium-238	12.00	PCI/G	0.05			55	03/14/2005	1465432.43	598137.146
SU2FSS035	Plutonium-239/240	0.06	PCI/G	0.03	J	J	62	03/14/2005	1465432.43	598137.146
SU2FSS035	Radium-226	2.06	PCI/G	1.08			2.9	03/14/2005	1465432.43	598137.146
SU2FSS035	Thorium-228	1.05	PCI/G	0.05			2.6	03/14/2005	1465432.43	598137.146
SU2FSS035	Thorium-230	1.08	PCI/G	0.04			2.8	03/14/2005	1465432.43	598137.146
SU2FSS035	Thorium-232	0.88	PCI/G	0.03			2.1	03/14/2005	1465432.43	598137.146
SU2FSS036	Actinium-227	0.40	PCI/G	0.40	U		4.6	03/15/2005	1465447.43	598137.146
SU2FSS036	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465447.43	598137.146
SU2FSS036	Cesium-137	0.06	PCI/G	0.05			3.8	03/15/2005	1465447.43	598137.146
SU2FSS036	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005	1465447.43	598137.146
SU2FSS036	Lead-210	3.56	PCI/G	1.00			7.4	03/15/2005	1465447.43	598137.146
SU2FSS036	Plutonium-238	12.10	PCI/G	0.04			55	03/15/2005	1465447.43	598137.146
SU2FSS036	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	03/15/2005	1465447.43	598137.146
SU2FSS036	Radium-226	1.22	PCI/G	1.22	U		2.9	03/15/2005	1465447.43	598137.146
SU2FSS036	Thorium-228	0.80	PCI/G	0.08			2.6	03/15/2005	1465447.43	598137.146
SU2FSS036	Thorium-230	0.61	PCI/G	0.05			2.8	03/15/2005	1465447.43	598137.146
SU2FSS036	Thorium-232	0.29	PCI/G	0.05			2.1	03/15/2005	1465447.43	598137.146
SU2FSS037	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/15/2005	1465409.93	598150.136
SU2FSS037	Americium-241	0.09	PCI/G	0.08			63	03/15/2005	1465409.93	598150.136
SU2FSS037	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/15/2005	1465409.93	598150.136
SU2FSS037	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465409.93	598150.136
SU2FSS037	Lead-210	1.56	PCI/G	0.78			7.4	03/15/2005	1465409.93	598150.136
SU2FSS037	Plutonium-238	13.60	PCI/G	0.05			55	03/15/2005	1465409.93	598150.136
SU2FSS037	Plutonium-239/240	0.18	PCI/G	0.03			62	03/15/2005	1465409.93	598150.136
SU2FSS037	Radium-226	1.73	PCI/G	0.82			2.9	03/15/2005	1465409.93	598150.136
SU2FSS037	Thorium-228	0.70	PCI/G	0.04			2.6	03/15/2005	1465409.93	598150.136

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU2FSS037~~	~~Thorium-230~~	~~1.73~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/15/2005~~	~~1465409.93~~	~~598150.136~~
~~SU2FSS037~~	~~Thorium-232~~	~~0.66~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/15/2005~~	~~1465409.93~~	~~598150.136~~
~~SU2FSS038~~	~~Actinium-227~~	~~0.19~~	~~PCI/G~~	~~0.19~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Americium-241~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Cesium-137~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~3.8~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Cobalt-60~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Lead-210~~	~~0.49~~	~~PCI/G~~	~~0.49~~	~~U~~		~~7.4~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Plutonium-238~~	~~12.30~~	~~PCI/G~~	~~0.03~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Plutonium-239/240~~	~~0.07~~	~~PCI/G~~	~~0.02~~	~~J~~	~~J~~	~~62~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Radium-226~~	~~0.85~~	~~PCI/G~~	~~0.59~~			~~2.9~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Thorium-228~~	~~0.54~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Thorium-230~~	~~4.71~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS038~~	~~Thorium-232~~	~~0.48~~	~~PCI/G~~	~~0.02~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465424.93~~	~~598150.136~~
~~SU2FSS039~~	~~Actinium-227~~	~~0.24~~	~~PCI/G~~	~~0.24~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Americium-241~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Cesium-137~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~3.8~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Lead-210~~	~~0.75~~	~~PCI/G~~	~~0.63~~			~~7.4~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Plutonium-238~~	~~4.13~~	~~PCI/G~~	~~0.03~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Plutonium-239/240~~	~~0.02~~	~~PCI/G~~	~~0.02~~	~~J~~	~~J~~	~~62~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Radium-226~~	~~1.45~~	~~PCI/G~~	~~0.71~~			~~2.9~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Thorium-228~~	~~1.16~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Thorium-230~~	~~1.42~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS039~~	~~Thorium-232~~	~~1.08~~	~~PCI/G~~	~~0.02~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465439.93~~	~~598150.136~~
~~SU2FSS040~~	~~Actinium-227~~	~~0.47~~	~~PCI/G~~	~~0.47~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Americium-241~~	~~0.19~~	~~PCI/G~~	~~0.11~~			~~63~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Cesium-137~~	~~0.33~~	~~PCI/G~~	~~0.05~~			~~3.8~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Cobalt-60~~	~~0.03~~	~~PCI/G~~	~~0.03~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Lead-210~~	~~1.47~~	~~PCI/G~~	~~1.10~~			~~7.4~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Plutonium-238~~	~~48.30~~	~~PCI/G~~	~~0.03~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Plutonium-239/240~~	~~0.13~~	~~PCI/G~~	~~0.02~~			~~62~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Radium-226~~	~~1.78~~	~~PCI/G~~	~~1.04~~			~~2.9~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Thorium-228~~	~~1.51~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Thorium-230~~	~~1.41~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS040~~	~~Thorium-232~~	~~1.03~~	~~PCI/G~~	~~0.03~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465454.93~~	~~598150.136~~
~~SU2FSS041~~	~~Actinium-227~~	~~0.28~~	~~PCI/G~~	~~0.28~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Cesium-137~~	~~0.12~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Cobalt-60~~	~~0.10~~	~~PCI/G~~	~~0.10~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Lead-210~~	~~2.31~~	~~PCI/G~~	~~0.84~~			~~7.4~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Plutonium-238~~	~~1.01~~	~~PCI/G~~	~~0.05~~			~~55~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Plutonium-239/240~~	~~0.01~~	~~PCI/G~~	~~0.03~~	~~U~~	~~UJ~~	~~62~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Radium-226~~	~~1.58~~	~~PCI/G~~	~~0.89~~			~~2.9~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Thorium-228~~	~~0.65~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Thorium-230~~	~~0.99~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
~~SU2FSS041~~	~~Thorium-232~~	~~0.71~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/15/2005~~	~~1465417.43~~	~~598163.126~~
SU2FSS042	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/14/2005	1465432.43	598163.126
SU2FSS042	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005	1465432.43	598163.126
SU2FSS042	Cesium-137	0.10	PCI/G	0.06			3.8	03/14/2005	1465432.43	598163.126
SU2FSS042	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/14/2005	1465432.43	598163.126
SU2FSS042	Lead-210	1.23	PCI/G	0.84			7.4	03/14/2005	1465432.43	598163.126
SU2FSS042	Plutonium-238	21.10	PCI/G	0.04			55	03/14/2005	1465432.43	598163.126
SU2FSS042	Plutonium-239/240	0.15	PCI/G	0.02			62	03/14/2005	1465432.43	598163.126
SU2FSS042	Radium-226	1.31	PCI/G	0.98			2.9	03/14/2005	1465432.43	598163.126
SU2FSS042	Thorium-228	1.09	PCI/G	0.05			2.6	03/14/2005	1465432.43	598163.126
SU2FSS042	Thorium-230	1.37	PCI/G	0.02			2.8	03/14/2005	1465432.43	598163.126
SU2FSS042	Thorium-232	0.99	PCI/G	0.03			2.1	03/14/2005	1465432.43	598163.126
~~SU2FSS043~~	~~Actinium-227~~	~~0.24~~	~~PCI/G~~	~~0.24~~	~~U~~		~~4.6~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Americium-241~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~63~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Cesium-137~~	~~0.04~~	~~PCI/G~~	~~0.03~~			~~3.8~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Cobalt-60~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~0.7~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Lead-210~~	~~0.59~~	~~PCI/G~~	~~0.59~~	~~U~~		~~7.4~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Plutonium-238~~	~~7.76~~	~~PCI/G~~	~~0.07~~			~~55~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Plutonium-239/240~~	~~0.09~~	~~PCI/G~~	~~0.05~~	~~J~~	~~J~~	~~62~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU2FSS043~~	~~Radium-226~~	~~1.16~~	~~PCI/G~~	~~0.65~~			~~2.9~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Thorium-228~~	~~0.67~~	~~PCI/G~~	~~0.06~~			~~2.6~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Thorium-230~~	~~0.66~~	~~PCI/G~~	~~0.05~~			~~2.8~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
~~SU2FSS043~~	~~Thorium-232~~	~~0.49~~	~~PCI/G~~	~~0.03~~			~~2.1~~	~~03/14/2005~~	~~1465447.43~~	~~598163.126~~
SU2FSS044	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/15/2005	1465462.43	598163.126
SU2FSS044	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005	1465462.43	598163.126
SU2FSS044	Cesium-137	0.33	PCI/G	0.03			3.8	03/15/2005	1465462.43	598163.126
SU2FSS044	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465462.43	598163.126
SU2FSS044	Lead-210	1.82	PCI/G	0.93			7.4	03/15/2005	1465462.43	598163.126
SU2FSS044	Plutonium-238	5.78	PCI/G	0.03			55	03/15/2005	1465462.43	598163.126
SU2FSS044	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/15/2005	1465462.43	598163.126
SU2FSS044	Radium-226	1.32	PCI/G	0.88			2.9	03/15/2005	1465462.43	598163.126
SU2FSS044	Thorium-228	0.83	PCI/G	0.03			2.6	03/15/2005	1465462.43	598163.126
SU2FSS044	Thorium-230	1.05	PCI/G	0.02			2.8	03/15/2005	1465462.43	598163.126
SU2FSS044	Thorium-232	0.66	PCI/G	0.02			2.1	03/15/2005	1465462.43	598163.126
SU2FSS045	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/14/2005	1465424.93	598176.117
SU2FSS045	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005	1465424.93	598176.117
SU2FSS045	Cesium-137	0.33	PCI/G	0.07			3.8	03/14/2005	1465424.93	598176.117
SU2FSS045	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005	1465424.93	598176.117
SU2FSS045	Lead-210	1.72	PCI/G	0.89			7.4	03/14/2005	1465424.93	598176.117
SU2FSS045	Plutonium-238	19.00	PCI/G	0.04			55	03/14/2005	1465424.93	598176.117
SU2FSS045	Plutonium-239/240	0.37	PCI/G	0.02			62	03/14/2005	1465424.93	598176.117
SU2FSS045	Radium-226	2.71	PCI/G	1.06			2.9	03/14/2005	1465424.93	598176.117
SU2FSS045	Thorium-228	1.40	PCI/G	0.04			2.6	03/14/2005	1465424.93	598176.117
SU2FSS045	Thorium-230	1.48	PCI/G	0.02			2.8	03/14/2005	1465424.93	598176.117
SU2FSS045	Thorium-232	1.09	PCI/G	0.02			2.1	03/14/2005	1465424.93	598176.117
SU2FSS046	Actinium-227	0.19	PCI/G	0.19	U		4.6	03/15/2005	1465439.93	598176.117
SU2FSS046	Americium-241	0.05	PCI/G	0.05	U		63	03/15/2005	1465439.93	598176.117
SU2FSS046	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/15/2005	1465439.93	598176.117
SU2FSS046	Cobalt-60	0.03	PCI/G	0.01			0.7	03/15/2005	1465439.93	598176.117
SU2FSS046	Lead-210	0.56	PCI/G	0.56	U		7.4	03/15/2005	1465439.93	598176.117
SU2FSS046	Plutonium-238	5.45	PCI/G	0.04		J	55	03/15/2005	1465439.93	598176.117
SU2FSS046	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005	1465439.93	598176.117
SU2FSS046	Radium-226	0.75	PCI/G	0.64			2.9	03/15/2005	1465439.93	598176.117
SU2FSS046	Thorium-228	0.44	PCI/G	0.05			2.6	03/15/2005	1465439.93	598176.117
SU2FSS046	Thorium-230	0.50	PCI/G	0.04			2.8	03/15/2005	1465439.93	598176.117
SU2FSS046	Thorium-232	0.40	PCI/G	0.03		J	2.1	03/15/2005	1465439.93	598176.117
SU2FSS047	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/14/2005	1465454.93	598176.117
SU2FSS047	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005	1465454.93	598176.117
SU2FSS047	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/14/2005	1465454.93	598176.117
SU2FSS047	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005	1465454.93	598176.117
SU2FSS047	Lead-210	0.71	PCI/G	0.50			7.4	03/14/2005	1465454.93	598176.117
SU2FSS047	Plutonium-238	13.90	PCI/G	0.05			55	03/14/2005	1465454.93	598176.117
SU2FSS047	Plutonium-239/240	0.18	PCI/G	0.04			62	03/14/2005	1465454.93	598176.117
SU2FSS047	Radium-226	0.74	PCI/G	0.74	U		2.9	03/14/2005	1465454.93	598176.117
SU2FSS047	Thorium-228	1.01	PCI/G	0.05			2.6	03/14/2005	1465454.93	598176.117
SU2FSS047	Thorium-230	0.53	PCI/G	0.05			2.8	03/14/2005	1465454.93	598176.117
SU2FSS047	Thorium-232	0.60	PCI/G	0.04			2.1	03/14/2005	1465454.93	598176.117
SU2FSS048	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/15/2005	1465469.93	598176.117
SU2FSS048	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005	1465469.93	598176.117
SU2FSS048	Cesium-137	0.08	PCI/G	0.05			3.8	03/15/2005	1465469.93	598176.117
SU2FSS048	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465469.93	598176.117
SU2FSS048	Lead-210	0.83	PCI/G	0.62			7.4	03/15/2005	1465469.93	598176.117
SU2FSS048	Plutonium-238	7.83	PCI/G	0.03		J	55	03/15/2005	1465469.93	598176.117
SU2FSS048	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/15/2005	1465469.93	598176.117
SU2FSS048	Radium-226	1.84	PCI/G	0.81			2.9	03/15/2005	1465469.93	598176.117
SU2FSS048	Thorium-228	0.96	PCI/G	0.04			2.6	03/15/2005	1465469.93	598176.117
SU2FSS048	Thorium-230	1.20	PCI/G	0.02			2.8	03/15/2005	1465469.93	598176.117
SU2FSS048	Thorium-232	0.83	PCI/G	0.03		J	2.1	03/15/2005	1465469.93	598176.117
SU2FSS049	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/14/2005	1465484.93	598176.117
SU2FSS049	Americium-241	0.11	PCI/G	0.11	U		63	03/14/2005	1465484.93	598176.117
SU2FSS049	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/14/2005	1465484.93	598176.117
SU2FSS049	Cobalt-60	0.13	PCI/G	0.13	U		0.7	03/14/2005	1465484.93	598176.117
SU2FSS049	Lead-210	2.15	PCI/G	0.97			7.4	03/14/2005	1465484.93	598176.117

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU2FSS049	Plutonium-238	8.10	PCI/G	0.04		J	55	03/14/2005	1465484.93	598176.117
SU2FSS049	Plutonium-239/240	0.01	PCI/G	0.01	U	UJ	62	03/14/2005	1465484.93	598176.117
SU2FSS049	Radium-226	2.50	PCI/G	1.13			2.9	03/14/2005	1465484.93	598176.117
SU2FSS049	Thorium-228	1.07	PCI/G	0.03			2.6	03/14/2005	1465484.93	598176.117
SU2FSS049	Thorium-230	1.49	PCI/G	0.03			2.8	03/14/2005	1465484.93	598176.117
SU2FSS049	Thorium-232	1.10	PCI/G	0.01		J	2.1	03/14/2005	1465484.93	598176.117
SU2FSS050	Actinium-227	0.53	PCI/G	0.53	U		4.6	03/14/2005	1465447.43	598189.107
SU2FSS050	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005	1465447.43	598189.107
SU2FSS050	Cesium-137	0.54	PCI/G	0.09			3.8	03/14/2005	1465447.43	598189.107
SU2FSS050	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005	1465447.43	598189.107
SU2FSS050	Lead-210	2.12	PCI/G	1.12			7.4	03/14/2005	1465447.43	598189.107
SU2FSS050	Plutonium-238	1.93	PCI/G	0.07			55	03/14/2005	1465447.43	598189.107
SU2FSS050	Plutonium-239/240	0.05	PCI/G	0.05	U	U	62	03/14/2005	1465447.43	598189.107
SU2FSS050	Radium-226	1.73	PCI/G	1.07			2.9	03/14/2005	1465447.43	598189.107
SU2FSS050	Thorium-228	0.91	PCI/G	0.03			2.6	03/14/2005	1465447.43	598189.107
SU2FSS050	Thorium-230	0.87	PCI/G	0.03			2.8	03/14/2005	1465447.43	598189.107
SU2FSS050	Thorium-232	0.73	PCI/G	0.02			2.1	03/14/2005	1465447.43	598189.107
SU2FSS051	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005	1465462.43	598189.107
SU2FSS051	Americium-241	0.13	PCI/G	0.08			63	03/15/2005	1465462.43	598189.107
SU2FSS051	Cesium-137	0.12	PCI/G	0.06			3.8	03/15/2005	1465462.43	598189.107
SU2FSS051	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465462.43	598189.107
SU2FSS051	Lead-210	0.99	PCI/G	0.74			7.4	03/15/2005	1465462.43	598189.107
SU2FSS051	Plutonium-238	33.30	PCI/G	0.04		J	55	03/15/2005	1465462.43	598189.107
SU2FSS051	Plutonium-239/240	0.11	PCI/G	0.02			62	03/15/2005	1465462.43	598189.107
SU2FSS051	Radium-226	1.03	PCI/G	0.77			2.9	03/15/2005	1465462.43	598189.107
SU2FSS051	Thorium-228	1.49	PCI/G	0.03			2.6	03/15/2005	1465462.43	598189.107
SU2FSS051	Thorium-230	1.03	PCI/G	0.03			2.8	03/15/2005	1465462.43	598189.107
SU2FSS051	Thorium-232	0.99	PCI/G	0.03		J	2.1	03/15/2005	1465462.43	598189.107
SU2FSS052	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/14/2005	1465477.43	598189.107
SU2FSS052	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005	1465477.43	598189.107
SU2FSS052	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/14/2005	1465477.43	598189.107
SU2FSS052	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/14/2005	1465477.43	598189.107
SU2FSS052	Lead-210	1.77	PCI/G	0.91			7.4	03/14/2005	1465477.43	598189.107
SU2FSS052	Plutonium-238	14.30	PCI/G	0.06			55	03/14/2005	1465477.43	598189.107
SU2FSS052	Plutonium-239/240	0.23	PCI/G	0.04			62	03/14/2005	1465477.43	598189.107
SU2FSS052	Radium-226	1.83	PCI/G	0.91			2.9	03/14/2005	1465477.43	598189.107
SU2FSS052	Thorium-228	1.04	PCI/G	0.03			2.6	03/14/2005	1465477.43	598189.107
SU2FSS052	Thorium-230	0.95	PCI/G	0.03			2.8	03/14/2005	1465477.43	598189.107
SU2FSS052	Thorium-232	0.89	PCI/G	0.03			2.1	03/14/2005	1465477.43	598189.107
SU2FSS053	Actinium-227	0.39	PCI/G	0.39	U		4.6	03/15/2005	1465492.43	598189.107
SU2FSS053	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465492.43	598189.107
SU2FSS053	Cesium-137	0.40	PCI/G	0.07			3.8	03/15/2005	1465492.43	598189.107
SU2FSS053	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005	1465492.43	598189.107
SU2FSS053	Lead-210	2.95	PCI/G	0.92			7.4	03/15/2005	1465492.43	598189.107
SU2FSS053	Plutonium-238	13.80	PCI/G	0.04		J	55	03/15/2005	1465492.43	598189.107
SU2FSS053	Plutonium-239/240	0.04	PCI/G	0.03	J	J	62	03/15/2005	1465492.43	598189.107
SU2FSS053	Radium-226	2.18	PCI/G	0.99			2.9	03/15/2005	1465492.43	598189.107
SU2FSS053	Thorium-228	1.90	PCI/G	0.04			2.6	03/15/2005	1465492.43	598189.107
SU2FSS053	Thorium-230	1.17	PCI/G	0.03			2.8	03/15/2005	1465492.43	598189.107
SU2FSS053	Thorium-232	1.46	PCI/G	0.02		J	2.1	03/15/2005	1465492.43	598189.107
SU2FSS054	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/14/2005	1465469.93	598202.098
SU2FSS054	Americium-241	0.11	PCI/G	0.11	U		63	03/14/2005	1465469.93	598202.098
SU2FSS054	Cesium-137	0.17	PCI/G	0.11			3.8	03/14/2005	1465469.93	598202.098
SU2FSS054	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005	1465469.93	598202.098
SU2FSS054	Lead-210	2.79	PCI/G	0.95			7.4	03/14/2005	1465469.93	598202.098
SU2FSS054	Plutonium-238	1.81	PCI/G	0.06			55	03/14/2005	1465469.93	598202.098
SU2FSS054	Plutonium-239/240	0.06	PCI/G	0.04	J	J	62	03/14/2005	1465469.93	598202.098
SU2FSS054	Radium-226	1.37	PCI/G	1.07			2.9	03/14/2005	1465469.93	598202.098
SU2FSS054	Thorium-228	0.83	PCI/G	0.05			2.6	03/14/2005	1465469.93	598202.098
SU2FSS054	Thorium-230	0.80	PCI/G	0.03			2.8	03/14/2005	1465469.93	598202.098
SU2FSS054	Thorium-232	0.85	PCI/G	0.02			2.1	03/14/2005	1465469.93	598202.098
SU2FSS055	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/14/2005	1465484.93	598202.098
SU2FSS055	Americium-241	0.04	PCI/G	0.04	U		63	03/14/2005	1465484.93	598202.098
SU2FSS055	Cesium-137	0.03	PCI/G	0.03			3.8	03/14/2005	1465484.93	598202.098

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU2FSS055	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/14/2005	1465484.93	598202.098
SU2FSS055	Lead-210	0.43	PCI/G	0.43	U		7.4	03/14/2005	1465484.93	598202.098
SU2FSS055	Plutonium-238	5.41	PCI/G	0.05			55	03/14/2005	1465484.93	598202.098
SU2FSS055	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	03/14/2005	1465484.93	598202.098
SU2FSS055	Radium-226	0.58	PCI/G	0.52			2.9	03/14/2005	1465484.93	598202.098
SU2FSS055	Thorium-228	0.51	PCI/G	0.04			2.6	03/14/2005	1465484.93	598202.098
SU2FSS055	Thorium-230	0.35	PCI/G	0.02		J	2.8	03/14/2005	1465484.93	598202.098
SU2FSS055	Thorium-232	0.26	PCI/G	0.02			2.1	03/14/2005	1465484.93	598202.098
SU2FSSB1	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005	1465308.898	598067.183
SU2FSSB1	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465308.898	598067.183
SU2FSSB1	Cesium-137	0.06	PCI/G	0.06			3.8	03/15/2005	1465308.898	598067.183
SU2FSSB1	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465308.898	598067.183
SU2FSSB1	Lead-210	1.82	PCI/G	0.81			7.4	03/15/2005	1465308.898	598067.183
SU2FSSB1	Plutonium-238	10.60	PCI/G	0.04			55	03/15/2005	1465308.898	598067.183
SU2FSSB1	Plutonium-239/240	0.12	PCI/G	0.02			62	03/15/2005	1465308.898	598067.183
SU2FSSB1	Radium-226	1.02	PCI/G	0.89			2.9	03/15/2005	1465308.898	598067.183
SU2FSSB1	Thorium-228	0.82	PCI/G	0.04			2.6	03/15/2005	1465308.898	598067.183
SU2FSSB1	Thorium-230	0.71	PCI/G	0.03			2.8	03/15/2005	1465308.898	598067.183
SU2FSSB1	Thorium-232	0.56	PCI/G	0.02			2.1	03/15/2005	1465308.898	598067.183
SU3FSS001	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/16/2005	1464907.67	597971.686
SU3FSS001	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464907.67	597971.686
SU3FSS001	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005	1464907.67	597971.686
SU3FSS001	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/16/2005	1464907.67	597971.686
SU3FSS001	Lead-210	4.17	PCI/G	0.64			7.4	03/16/2005	1464907.67	597971.686
SU3FSS001	Plutonium-238	1.46	PCI/G	0.03		J	55	03/16/2005	1464907.67	597971.686
SU3FSS001	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/16/2005	1464907.67	597971.686
SU3FSS001	Radium-226	0.72	PCI/G	0.72	U		2.9	03/16/2005	1464907.67	597971.686
SU3FSS001	Thorium-228	0.29	PCI/G	0.04			2.6	03/16/2005	1464907.67	597971.686
SU3FSS001	Thorium-230	0.58	PCI/G	0.03			2.8	03/16/2005	1464907.67	597971.686
SU3FSS001	Thorium-232	0.29	PCI/G	0.03		J	2.1	03/16/2005	1464907.67	597971.686
SU3FSS002	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005	1464922.67	597971.686
SU3FSS002	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1464922.67	597971.686
SU3FSS002	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005	1464922.67	597971.686
SU3FSS002	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005	1464922.67	597971.686
SU3FSS002	Lead-210	1.66	PCI/G	0.69			7.4	03/16/2005	1464922.67	597971.686
SU3FSS002	Plutonium-238	0.09	PCI/G	0.04	J	J	55	03/16/2005	1464922.67	597971.686
SU3FSS002	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/16/2005	1464922.67	597971.686
SU3FSS002	Radium-226	1.21	PCI/G	0.88			2.9	03/16/2005	1464922.67	597971.686
SU3FSS002	Thorium-228	0.57	PCI/G	0.03			2.6	03/16/2005	1464922.67	597971.686
SU3FSS002	Thorium-230	0.77	PCI/G	0.03			2.8	03/16/2005	1464922.67	597971.686
SU3FSS002	Thorium-232	0.54	PCI/G	0.02		J	2.1	03/16/2005	1464922.67	597971.686
SU3FSS003	Actinium-227	0.19	PCI/G	0.19	U		4.6	03/16/2005	1464900.17	597984.634
SU3FSS003	Americium-241	0.04	PCI/G	0.04	U		63	03/16/2005	1464900.17	597984.634
SU3FSS003	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/16/2005	1464900.17	597984.634
SU3FSS003	Cobalt-60	0.03	PCI/G	0.03			0.7	03/16/2005	1464900.17	597984.634
SU3FSS003	Lead-210	1.65	PCI/G	0.38			7.4	03/16/2005	1464900.17	597984.634
SU3FSS003	Plutonium-238	0.47	PCI/G	0.04			55	03/16/2005	1464900.17	597984.634
SU3FSS003	Plutonium-239/240	0.01	PCI/G	0.04	U	UJ	62	03/16/2005	1464900.17	597984.634
SU3FSS003	Radium-226	0.55	PCI/G	0.55	U		2.9	03/16/2005	1464900.17	597984.634
SU3FSS003	Thorium-228	0.22	PCI/G	0.03		J	2.6	03/16/2005	1464900.17	597984.634
SU3FSS003	Thorium-230	0.47	PCI/G	0.04			2.8	03/16/2005	1464900.17	597984.634
SU3FSS003	Thorium-232	0.22	PCI/G	0.03			2.1	03/16/2005	1464900.17	597984.634
SU3FSS004	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/16/2005	1464915.17	597984.677
SU3FSS004	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464915.17	597984.677
SU3FSS004	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005	1464915.17	597984.677
SU3FSS004	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/16/2005	1464915.17	597984.677
SU3FSS004	Lead-210	1.78	PCI/G	0.57			7.4	03/16/2005	1464915.17	597984.677
SU3FSS004	Plutonium-238	4.61	PCI/G	0.05			55	03/16/2005	1464915.17	597984.677
SU3FSS004	Plutonium-239/240	0.03	PCI/G	0.04	U	UJ	62	03/16/2005	1464915.17	597984.677
SU3FSS004	Radium-226	0.96	PCI/G	0.67			2.9	03/16/2005	1464915.17	597984.677
SU3FSS004	Thorium-228	0.50	PCI/G	0.04		J	2.6	03/16/2005	1464915.17	597984.677
SU3FSS004	Thorium-230	0.75	PCI/G	0.02			2.8	03/16/2005	1464915.17	597984.677
SU3FSS004	Thorium-232	0.35	PCI/G	0.02			2.1	03/16/2005	1464915.17	597984.677
SU3FSS005	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/16/2005	1464930.17	597984.677
SU3FSS005	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1464930.17	597984.677

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU3FSS005	Cesium-137	0.05	PCI/G	0.05			3.8	03/16/2005	1464930.17	597984.677
SU3FSS005	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005	1464930.17	597984.677
SU3FSS005	Lead-210	1.40	PCI/G	0.70			7.4	03/16/2005	1464930.17	597984.677
SU3FSS005	Plutonium-238	16.90	PCI/G	0.09			55	03/16/2005	1464930.17	597984.677
SU3FSS005	Plutonium-239/240	0.02	PCI/G	0.07	U	UJ	62	03/16/2005	1464930.17	597984.677
SU3FSS005	Radium-226	1.43	PCI/G	0.73			2.9	03/16/2005	1464930.17	597984.677
SU3FSS005	Thorium-228	0.58	PCI/G	0.05			2.6	03/16/2005	1464930.17	597984.677
SU3FSS005	Thorium-230	0.91	PCI/G	0.03			2.8	03/16/2005	1464930.17	597984.677
SU3FSS005	Thorium-232	0.49	PCI/G	0.02			2.1	03/16/2005	1464930.17	597984.677
SU3FSS006	Plutonium-238	42.20	PCI/G	0.02			55	03/16/2005	1464945.17	597984.677
SU3FSS006	Plutonium-239/240	0.14	PCI/G	0.01			62	03/16/2005	1464945.17	597984.677
SU3FSS006	Thorium-228	0.92	PCI/G	0.06			2.6	03/16/2005	1464945.17	597984.677
SU3FSS006	Thorium-230	1.16	PCI/G	0.03			2.8	03/16/2005	1464945.17	597984.677
SU3FSS006	Thorium-232	0.80	PCI/G	0.01			2.1	03/16/2005	1464945.17	597984.677
SU3FSS007	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/16/2005	1464960.17	597984.677
SU3FSS007	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464960.17	597984.677
SU3FSS007	Cesium-137	0.10	PCI/G	0.03			3.8	03/16/2005	1464960.17	597984.677
SU3FSS007	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005	1464960.17	597984.677
SU3FSS007	Lead-210	1.15	PCI/G	0.72			7.4	03/16/2005	1464960.17	597984.677
SU3FSS007	Plutonium-238	0.41	PCI/G	0.06			55	03/16/2005	1464960.17	597984.677
SU3FSS007	Plutonium-239/240	0.01	PCI/G	0.05	U	UJ	62	03/16/2005	1464960.17	597984.677
SU3FSS007	Radium-226	1.28	PCI/G	0.72			2.9	03/16/2005	1464960.17	597984.677
SU3FSS007	Thorium-228	0.62	PCI/G	0.05			2.6	03/16/2005	1464960.17	597984.677
SU3FSS007	Thorium-230	0.72	PCI/G	0.05			2.8	03/16/2005	1464960.17	597984.677
SU3FSS007	Thorium-232	0.58	PCI/G	0.02			2.1	03/16/2005	1464960.17	597984.677
SU3FSS008	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/16/2005	1464907.67	597997.667
SU3FSS008	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464907.67	597997.667
SU3FSS008	Cesium-137	0.05	PCI/G	0.05			3.8	03/16/2005	1464907.67	597997.667
SU3FSS008	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005	1464907.67	597997.667
SU3FSS008	Lead-210	1.28	PCI/G	0.70			7.4	03/16/2005	1464907.67	597997.667
SU3FSS008	Plutonium-238	1.69	PCI/G	0.10			55	03/16/2005	1464907.67	597997.667
SU3FSS008	Plutonium-239/240	0.06	PCI/G	0.06	U	U	62	03/16/2005	1464907.67	597997.667
SU3FSS008	Radium-226	1.16	PCI/G	0.66			2.9	03/16/2005	1464907.67	597997.667
SU3FSS008	Thorium-228	0.39	PCI/G	0.08		J	2.6	03/16/2005	1464907.67	597997.667
SU3FSS008	Thorium-230	0.60	PCI/G	0.05			2.8	03/16/2005	1464907.67	597997.667
SU3FSS008	Thorium-232	0.37	PCI/G	0.04			2.1	03/16/2005	1464907.67	597997.667
SU3FSS009	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/16/2005	1464922.67	597997.667
SU3FSS009	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005	1464922.67	597997.667
SU3FSS009	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/16/2005	1464922.67	597997.667
SU3FSS009	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/16/2005	1464922.67	597997.667
SU3FSS009	Lead-210	1.26	PCI/G	0.96			7.4	03/16/2005	1464922.67	597997.667
SU3FSS009	Plutonium-238	0.64	PCI/G	0.04			55	03/16/2005	1464922.67	597997.667
SU3FSS009	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/16/2005	1464922.67	597997.667
SU3FSS009	Radium-226	1.01	PCI/G	1.01	U		2.9	03/16/2005	1464922.67	597997.667
SU3FSS009	Thorium-228	0.85	PCI/G	0.07			2.6	03/16/2005	1464922.67	597997.667
SU3FSS009	Thorium-230	0.92	PCI/G	0.04			2.8	03/16/2005	1464922.67	597997.667
SU3FSS009	Thorium-232	0.79	PCI/G	0.03			2.1	03/16/2005	1464922.67	597997.667
SU3FSS010	Actinium-227	0.34	PCI/G	0.34	U		4.6	03/16/2005	1464937.67	597997.667
SU3FSS010	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005	1464937.67	597997.667
SU3FSS010	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/16/2005	1464937.67	597997.667
SU3FSS010	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005	1464937.67	597997.667
SU3FSS010	Lead-210	1.04	PCI/G	0.90			7.4	03/16/2005	1464937.67	597997.667
SU3FSS010	Plutonium-238	0.32	PCI/G	0.04			55	03/16/2005	1464937.67	597997.667
SU3FSS010	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/16/2005	1464937.67	597997.667
SU3FSS010	Radium-226	2.36	PCI/G	0.97			2.9	03/16/2005	1464937.67	597997.667
SU3FSS010	Thorium-228	0.60	PCI/G	0.06			2.6	03/16/2005	1464937.67	597997.667
SU3FSS010	Thorium-230	1.01	PCI/G	0.04			2.8	03/16/2005	1464937.67	597997.667
SU3FSS010	Thorium-232	0.65	PCI/G	0.02			2.1	03/16/2005	1464937.67	597997.667
SU3FSS011	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/16/2005	1464952.67	597997.667
SU3FSS011	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005	1464952.67	597997.667
SU3FSS011	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/16/2005	1464952.67	597997.667
SU3FSS011	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005	1464952.67	597997.667
SU3FSS011	Lead-210	1.33	PCI/G	0.92			7.4	03/16/2005	1464952.67	597997.667
SU3FSS011	Plutonium-238	6.60	PCI/G	0.07			55	03/16/2005	1464952.67	597997.667

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU3FSS011	Plutonium-239/240	0.07	PCI/G	0.03	J	J	62	03/16/2005	1464952.67	597997.667
SU3FSS011	Radium-226	0.97	PCI/G	0.94			2.9	03/16/2005	1464952.67	597997.667
SU3FSS011	Thorium-228	0.69	PCI/G	0.07			2.6	03/16/2005	1464952.67	597997.667
SU3FSS011	Thorium-230	0.82	PCI/G	0.02			2.8	03/16/2005	1464952.67	597997.667
SU3FSS011	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005	1464952.67	597997.667
SU3FSS012	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/16/2005	1464967.67	597997.667
SU3FSS012	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1464967.67	597997.667
SU3FSS012	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/16/2005	1464967.67	597997.667
SU3FSS012	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005	1464967.67	597997.667
SU3FSS012	Lead-210	1.90	PCI/G	0.66			7.4	03/16/2005	1464967.67	597997.667
SU3FSS012	Plutonium-238	14.50	PCI/G	0.04			55	03/16/2005	1464967.67	597997.667
SU3FSS012	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	03/16/2005	1464967.67	597997.667
SU3FSS012	Radium-226	1.32	PCI/G	0.74			2.9	03/16/2005	1464967.67	597997.667
SU3FSS012	Thorium-228	0.65	PCI/G	0.04			2.6	03/16/2005	1464967.67	597997.667
SU3FSS012	Thorium-230	0.59	PCI/G	0.03			2.8	03/16/2005	1464967.67	597997.667
SU3FSS012	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005	1464967.67	597997.667
~~SU3FSS013~~	~~Actinium-227~~	~~0.25~~	~~PCI/G~~	~~0.25~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Cesium-137~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~3.8~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Lead-210~~	~~3.71~~	~~PCI/G~~	~~0.79~~			~~7.4~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Plutonium-238~~	~~1.77~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Plutonium-239/240~~	~~0.04~~	~~PCI/G~~	~~0.03~~	~~J~~	~~J~~	~~62~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Radium-226~~	~~1.76~~	~~PCI/G~~	~~0.73~~			~~2.9~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Thorium-228~~	~~0.36~~	~~PCI/G~~	~~0.06~~		~~J~~	~~2.6~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Thorium-230~~	~~0.66~~	~~PCI/G~~	~~0.06~~			~~2.8~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS013~~	~~Thorium-232~~	~~0.35~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~03/16/2005~~	~~1464982.67~~	~~597997.667~~
~~SU3FSS014~~	~~Actinium-227~~	~~0.28~~	~~PCI/G~~	~~0.28~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Cesium-137~~	~~0.13~~	~~PCI/G~~	~~0.05~~			~~3.8~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Lead-210~~	~~2.30~~	~~PCI/G~~	~~0.78~~			~~7.4~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Plutonium-238~~	~~0.84~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Plutonium-239/240~~	~~0.03~~	~~PCI/G~~	~~0.03~~	~~U~~	~~U~~	~~62~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Radium-226~~	~~1.57~~	~~PCI/G~~	~~0.71~~			~~2.9~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Thorium-228~~	~~0.50~~	~~PCI/G~~	~~0.08~~		~~J~~	~~2.6~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Thorium-230~~	~~0.83~~	~~PCI/G~~	~~0.06~~			~~2.8~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
~~SU3FSS014~~	~~Thorium-232~~	~~0.46~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~03/16/2005~~	~~1464997.67~~	~~597997.667~~
SU3FSS015	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/16/2005	1465012.67	597997.667
SU3FSS015	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1465012.67	597997.667
SU3FSS015	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/16/2005	1465012.67	597997.667
SU3FSS015	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005	1465012.67	597997.667
SU3FSS015	Lead-210	1.67	PCI/G	0.85			7.4	03/16/2005	1465012.67	597997.667
SU3FSS015	Plutonium-238	0.80	PCI/G	0.04			55	03/16/2005	1465012.67	597997.667
SU3FSS015	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/16/2005	1465012.67	597997.667
SU3FSS015	Radium-226	1.32	PCI/G	0.77			2.9	03/16/2005	1465012.67	597997.667
SU3FSS015	Thorium-228	0.58	PCI/G	0.05			2.6	03/16/2005	1465012.67	597997.667
SU3FSS015	Thorium-230	0.85	PCI/G	0.03			2.8	03/16/2005	1465012.67	597997.667
SU3FSS015	Thorium-232	0.52	PCI/G	0.03			2.1	03/16/2005	1465012.67	597997.667
SU3FSS016	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/16/2005	1465027.67	597997.667
SU3FSS016	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1465027.67	597997.667
SU3FSS016	Cesium-137	0.09	PCI/G	0.06			3.8	03/16/2005	1465027.67	597997.667
SU3FSS016	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005	1465027.67	597997.667
SU3FSS016	Lead-210	1.96	PCI/G	0.68			7.4	03/16/2005	1465027.67	597997.667
SU3FSS016	Plutonium-238	2.20	PCI/G	0.04			55	03/16/2005	1465027.67	597997.667
SU3FSS016	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/16/2005	1465027.67	597997.667
SU3FSS016	Radium-226	1.69	PCI/G	0.76			2.9	03/16/2005	1465027.67	597997.667
SU3FSS016	Thorium-228	0.56	PCI/G	0.07			2.6	03/16/2005	1465027.67	597997.667
SU3FSS016	Thorium-230	1.02	PCI/G	0.04			2.8	03/16/2005	1465027.67	597997.667
SU3FSS016	Thorium-232	0.59	PCI/G	0.04			2.1	03/16/2005	1465027.67	597997.667
SU3FSS017	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/16/2005	1464930.17	598010.657
SU3FSS017	Americium-241	0.06	PCI/G	0.06	U		63	03/16/2005	1464930.17	598010.657
SU3FSS017	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005	1464930.17	598010.657
SU3FSS017	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005	1464930.17	598010.657

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU3FSS017	Lead-210	1.03	PCI/G	0.59			7.4	03/16/2005	1464930.17	598010.657
SU3FSS017	Plutonium-238	0.15	PCI/G	0.05			55	03/16/2005	1464930.17	598010.657
SU3FSS017	Plutonium-239/240	0.00	PCI/G	0.04	U	UJ	62	03/16/2005	1464930.17	598010.657
SU3FSS017	Radium-226	0.82	PCI/G	0.71			2.9	03/16/2005	1464930.17	598010.657
SU3FSS017	Thorium-228	0.25	PCI/G	0.23	J	J	2.6	03/16/2005	1464930.17	598010.657
SU3FSS017	Thorium-230	0.46	PCI/G	0.10		J	2.8	03/16/2005	1464930.17	598010.657
SU3FSS017	Thorium-232	0.21	PCI/G	0.05	J	J	2.1	03/16/2005	1464930.17	598010.657
SU3FSS018	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005	1464945.17	598010.657
SU3FSS018	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005	1464945.17	598010.657
SU3FSS018	Cesium-137	0.06	PCI/G	0.06			3.8	03/16/2005	1464945.17	598010.657
SU3FSS018	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/16/2005	1464945.17	598010.657
SU3FSS018	Lead-210	2.42	PCI/G	0.73			7.4	03/16/2005	1464945.17	598010.657
SU3FSS018	Plutonium-238	1.63	PCI/G	0.05			55	03/16/2005	1464945.17	598010.657
SU3FSS018	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/16/2005	1464945.17	598010.657
SU3FSS018	Radium-226	1.90	PCI/G	0.86			2.9	03/16/2005	1464945.17	598010.657
SU3FSS018	Thorium-228	0.59	PCI/G	0.07			2.6	03/16/2005	1464945.17	598010.657
SU3FSS018	Thorium-230	0.76	PCI/G	0.04			2.8	03/16/2005	1464945.17	598010.657
SU3FSS018	Thorium-232	0.60	PCI/G	0.04			2.1	03/16/2005	1464945.17	598010.657
SU3FSS019	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/16/2005	1464960.17	598010.657
SU3FSS019	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1464960.17	598010.657
SU3FSS019	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/16/2005	1464960.17	598010.657
SU3FSS019	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/16/2005	1464960.17	598010.657
SU3FSS019	Lead-210	1.56	PCI/G	0.90			7.4	03/16/2005	1464960.17	598010.657
SU3FSS019	Plutonium-238	2.88	PCI/G	0.04			55	03/16/2005	1464960.17	598010.657
SU3FSS019	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/16/2005	1464960.17	598010.657
SU3FSS019	Radium-226	1.46	PCI/G	0.93			2.9	03/16/2005	1464960.17	598010.657
SU3FSS019	Thorium-228	0.43	PCI/G	0.04		J	2.6	03/16/2005	1464960.17	598010.657
SU3FSS019	Thorium-230	0.52	PCI/G	0.04			2.8	03/16/2005	1464960.17	598010.657
SU3FSS019	Thorium-232	0.31	PCI/G	0.03			2.1	03/16/2005	1464960.17	598010.657
~~SU3FSS020~~	~~Actinium-227~~	~~0.30~~	~~PCI/G~~	~~0.30~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Cesium-137~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~3.8~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Cobalt-60~~	~~0.11~~	~~PCI/G~~	~~0.11~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Lead-210~~	~~1.13~~	~~PCI/G~~	~~0.81~~			~~7.4~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Plutonium-238~~	~~1.56~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Plutonium-239/240~~	~~0.00~~	~~PCI/G~~	~~0.03~~	~~U~~	~~UJ~~	~~62~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Radium-226~~	~~2.46~~	~~PCI/G~~	~~0.84~~			~~2.9~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Thorium-228~~	~~0.82~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Thorium-230~~	~~1.05~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS020~~	~~Thorium-232~~	~~0.95~~	~~PCI/G~~	~~0.04~~			~~2.1~~	~~03/16/2005~~	~~1464975.17~~	~~598010.657~~
~~SU3FSS021~~	~~Actinium-227~~	~~0.27~~	~~PCI/G~~	~~0.27~~	~~U~~		~~4.6~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Americium-241~~	~~0.10~~	~~PCI/G~~	~~0.07~~			~~63~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Cesium-137~~	~~0.07~~	~~PCI/G~~	~~0.04~~			~~3.8~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Lead-210~~	~~1.02~~	~~PCI/G~~	~~0.63~~			~~7.4~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Plutonium-238~~	~~38.20~~	~~PCI/G~~	~~0.02~~			~~55~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Plutonium-239/240~~	~~0.14~~	~~PCI/G~~	~~0.02~~			~~62~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Radium-226~~	~~1.46~~	~~PCI/G~~	~~0.70~~			~~2.9~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Thorium-228~~	~~0.63~~	~~PCI/G~~	~~0.07~~			~~2.6~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Thorium-230~~	~~1.04~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS021~~	~~Thorium-232~~	~~0.60~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~04/11/2005~~	~~1464990.17~~	~~598010.657~~
~~SU3FSS022~~	~~Actinium-227~~	~~0.43~~	~~PCI/G~~	~~0.43~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Americium-241~~	~~0.10~~	~~PCI/G~~	~~0.10~~	~~U~~		~~63~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Cesium-137~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~3.8~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Lead-210~~	~~2.15~~	~~PCI/G~~	~~0.91~~			~~7.4~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Plutonium-238~~	~~28.20~~	~~PCI/G~~	~~0.05~~			~~55~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Plutonium-239/240~~	~~0.14~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Radium-226~~	~~1.78~~	~~PCI/G~~	~~0.98~~			~~2.9~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Thorium-228~~	~~1.19~~	~~PCI/G~~	~~0.07~~			~~2.6~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Thorium-230~~	~~0.99~~	~~PCI/G~~	~~0.05~~			~~2.8~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS022~~	~~Thorium-232~~	~~0.55~~	~~PCI/G~~	~~0.04~~			~~2.1~~	~~03/16/2005~~	~~1465005.17~~	~~598010.657~~
~~SU3FSS023~~	~~Actinium-227~~	~~0.28~~	~~PCI/G~~	~~0.28~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU3FSS023~~	~~Cesium-137~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~3.8~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Cobalt-60~~	~~0.10~~	~~PCI/G~~	~~0.10~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Lead-210~~	~~1.21~~	~~PCI/G~~	~~0.74~~			~~7.4~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Plutonium-238~~	~~26.00~~	~~PCI/G~~	~~0.05~~			~~55~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Plutonium-239/240~~	~~0.12~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Radium-226~~	~~1.21~~	~~PCI/G~~	~~0.73~~			~~2.9~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Thorium-228~~	~~1.06~~	~~PCI/G~~	~~0.07~~			~~2.6~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Thorium-230~~	~~0.86~~	~~PCI/G~~	~~0.05~~			~~2.8~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS023~~	~~Thorium-232~~	~~0.76~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~03/16/2005~~	~~1465020.17~~	~~598010.657~~
~~SU3FSS024~~	~~Actinium-227~~	~~23.00~~	~~PCI/G~~	~~23.00~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Americium-241~~	~~0.21~~	~~PCI/G~~	~~0.10~~			~~63~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Cesium-137~~	~~0.28~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Cobalt-60~~	~~0.10~~	~~PCI/G~~	~~0.10~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Lead-210~~	~~1.39~~	~~PCI/G~~	~~0.91~~			~~7.4~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Plutonium-238~~	~~92.80~~	~~PCI/G~~	~~0.03~~			~~55~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Plutonium-239/240~~	~~0.47~~	~~PCI/G~~	~~0.02~~			~~62~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Radium-226~~	~~1.97~~	~~PCI/G~~	~~0.89~~			~~2.9~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Thorium-228~~	~~2.26~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Thorium-230~~	~~1.76~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
~~SU3FSS024~~	~~Thorium-232~~	~~0.95~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/16/2005~~	~~1465035.17~~	~~598010.657~~
SU3FSS025	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/15/2005	1465050.17	598010.657
SU3FSS025	Americium-241	0.05	PCI/G	0.05	U		63	03/15/2005	1465050.17	598010.657
SU3FSS025	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/15/2005	1465050.17	598010.657
SU3FSS025	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465050.17	598010.657
SU3FSS025	Lead-210	0.66	PCI/G	0.45			7.4	03/15/2005	1465050.17	598010.657
SU3FSS025	Plutonium-238	10.70	PCI/G	0.04			55	03/15/2005	1465050.17	598010.657
SU3FSS025	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/15/2005	1465050.17	598010.657
SU3FSS025	Radium-226	0.97	PCI/G	0.52			2.9	03/15/2005	1465050.17	598010.657
SU3FSS025	Thorium-228	0.48	PCI/G	0.04			2.6	03/15/2005	1465050.17	598010.657
SU3FSS025	Thorium-230	0.89	PCI/G	0.03			2.8	03/15/2005	1465050.17	598010.657
SU3FSS025	Thorium-232	0.40	PCI/G	0.02		J	2.1	03/15/2005	1465050.17	598010.657
SU3FSS026	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/16/2005	1465065.17	598010.657
SU3FSS026	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1465065.17	598010.657
SU3FSS026	Cesium-137	0.09	PCI/G	0.06			3.8	03/16/2005	1465065.17	598010.657
SU3FSS026	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005	1465065.17	598010.657
SU3FSS026	Lead-210	2.16	PCI/G	0.77			7.4	03/16/2005	1465065.17	598010.657
SU3FSS026	Plutonium-238	6.75	PCI/G	0.04			55	03/16/2005	1465065.17	598010.657
SU3FSS026	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/16/2005	1465065.17	598010.657
SU3FSS026	Radium-226	1.24	PCI/G	0.74			2.9	03/16/2005	1465065.17	598010.657
SU3FSS026	Thorium-228	0.50	PCI/G	0.02			2.6	03/16/2005	1465065.17	598010.657
SU3FSS026	Thorium-230	0.71	PCI/G	0.01			2.8	03/16/2005	1465065.17	598010.657
SU3FSS026	Thorium-232	0.46	PCI/G	0.01		J	2.1	03/16/2005	1465065.17	598010.657
SU3FSS027	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/16/2005	1465080.17	598010.657
SU3FSS027	Americium-241	0.06	PCI/G	0.06	U		63	03/16/2005	1465080.17	598010.657
SU3FSS027	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005	1465080.17	598010.657
SU3FSS027	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005	1465080.17	598010.657
SU3FSS027	Lead-210	1.22	PCI/G	0.57			7.4	03/16/2005	1465080.17	598010.657
SU3FSS027	Plutonium-238	0.04	PCI/G	0.03	J	J	55	03/16/2005	1465080.17	598010.657
SU3FSS027	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/16/2005	1465080.17	598010.657
SU3FSS027	Radium-226	1.28	PCI/G	0.69			2.9	03/16/2005	1465080.17	598010.657
SU3FSS027	Thorium-228	0.58	PCI/G	0.04			2.6	03/16/2005	1465080.17	598010.657
SU3FSS027	Thorium-230	1.08	PCI/G	0.03			2.8	03/16/2005	1465080.17	598010.657
SU3FSS027	Thorium-232	0.51	PCI/G	0.02		J	2.1	03/16/2005	1465080.17	598010.657
SU3FSS028	Plutonium-238	0.54	PCI/G	0.05			55	03/16/2005	1465095.17	598010.657
SU3FSS028	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005	1465095.17	598010.657
SU3FSS028	Thorium-228	0.59	PCI/G	0.04			2.6	03/16/2005	1465095.17	598010.657
SU3FSS028	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005	1465095.17	598010.657
SU3FSS028	Thorium-232	0.64	PCI/G	0.01			2.1	03/16/2005	1465095.17	598010.657
SU3FSS029	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005	1465110.17	598010.657
SU3FSS029	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1465110.17	598010.657
SU3FSS029	Cesium-137	0.21	PCI/G	0.06			3.8	03/16/2005	1465110.17	598010.657
SU3FSS029	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005	1465110.17	598010.657
SU3FSS029	Lead-210	1.94	PCI/G	0.80			7.4	03/16/2005	1465110.17	598010.657
SU3FSS029	Plutonium-238	0.35	PCI/G	0.03			55	03/16/2005	1465110.17	598010.657

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU3FSS029	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/16/2005	1465110.17	598010.657
SU3FSS029	Radium-226	1.38	PCI/G	0.91			2.9	03/16/2005	1465110.17	598010.657
SU3FSS029	Thorium-228	0.74	PCI/G	0.03			2.6	03/16/2005	1465110.17	598010.657
SU3FSS029	Thorium-230	1.27	PCI/G	0.02			2.8	03/16/2005	1465110.17	598010.657
SU3FSS029	Thorium-232	0.91	PCI/G	0.01		J	2.1	03/16/2005	1465110.17	598010.657
SU3FSS030	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/16/2005	1464937.67	598023.648
SU3FSS030	Americium-241	0.05	PCI/G	0.05	U		63	03/16/2005	1464937.67	598023.648
SU3FSS030	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/16/2005	1464937.67	598023.648
SU3FSS030	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005	1464937.67	598023.648
SU3FSS030	Lead-210	2.55	PCI/G	0.64			7.4	03/16/2005	1464937.67	598023.648
SU3FSS030	Plutonium-238	0.65	PCI/G	0.04			55	03/16/2005	1464937.67	598023.648
SU3FSS030	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/16/2005	1464937.67	598023.648
SU3FSS030	Radium-226	1.12	PCI/G	0.56			2.9	03/16/2005	1464937.67	598023.648
SU3FSS030	Thorium-228	0.27	PCI/G	0.03			2.6	03/16/2005	1464937.67	598023.648
SU3FSS030	Thorium-230	0.43	PCI/G	0.04			2.8	03/16/2005	1464937.67	598023.648
SU3FSS030	Thorium-232	0.27	PCI/G	0.03		J	2.1	03/16/2005	1464937.67	598023.648
SU3FSS031	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/16/2005	1464952.67	598023.648
SU3FSS031	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1464952.67	598023.648
SU3FSS031	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005	1464952.67	598023.648
SU3FSS031	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005	1464952.67	598023.648
SU3FSS031	Lead-210	1.34	PCI/G	0.69			7.4	03/16/2005	1464952.67	598023.648
SU3FSS031	Plutonium-238	1.95	PCI/G	0.03			55	03/16/2005	1464952.67	598023.648
SU3FSS031	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005	1464952.67	598023.648
SU3FSS031	Radium-226	1.19	PCI/G	0.82			2.9	03/16/2005	1464952.67	598023.648
SU3FSS031	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005	1464952.67	598023.648
SU3FSS031	Thorium-230	0.51	PCI/G	0.02			2.8	03/16/2005	1464952.67	598023.648
SU3FSS031	Thorium-232	0.35	PCI/G	0.02		J	2.1	03/16/2005	1464952.67	598023.648
SU3FSS032	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/16/2005	1464967.67	598023.648
SU3FSS032	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464967.67	598023.648
SU3FSS032	Cesium-137	0.06	PCI/G	0.05			3.8	03/16/2005	1464967.67	598023.648
SU3FSS032	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005	1464967.67	598023.648
SU3FSS032	Lead-210	1.10	PCI/G	0.75			7.4	03/16/2005	1464967.67	598023.648
SU3FSS032	Plutonium-238	0.80	PCI/G	0.06			55	03/16/2005	1464967.67	598023.648
SU3FSS032	Plutonium-239/240	0.00	PCI/G	0.05	U	UJ	62	03/16/2005	1464967.67	598023.648
SU3FSS032	Radium-226	1.69	PCI/G	0.79			2.9	03/16/2005	1464967.67	598023.648
SU3FSS032	Thorium-228	0.88	PCI/G	0.05			2.6	03/16/2005	1464967.67	598023.648
SU3FSS032	Thorium-230	0.88	PCI/G	0.03			2.8	03/16/2005	1464967.67	598023.648
SU3FSS032	Thorium-232	0.61	PCI/G	0.02		J	2.1	03/16/2005	1464967.67	598023.648
~~SU3FSS033~~	~~Actinium-227~~	~~0.30~~	~~PCI/G~~	~~0.30~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Cesium-137~~	~~0.21~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Lead-210~~	~~1.13~~	~~PCI/G~~	~~0.88~~			~~7.4~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Plutonium-238~~	~~32.60~~	~~PCI/G~~	~~0.03~~			~~55~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Plutonium-239/240~~	~~0.29~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Radium-226~~	~~1.39~~	~~PCI/G~~	~~0.75~~			~~2.9~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Thorium-228~~	~~1.25~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Thorium-230~~	~~1.12~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS033~~	~~Thorium-232~~	~~0.93~~	~~PCI/G~~	~~0.02~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1464982.67~~	~~598023.648~~
~~SU3FSS034~~	~~Actinium-227~~	~~0.19~~	~~PCI/G~~	~~0.19~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Cesium-137~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~3.8~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Lead-210~~	~~0.68~~	~~PCI/G~~	~~0.68~~	~~U~~		~~7.4~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Plutonium-238~~	~~11.90~~	~~PCI/G~~	~~0.06~~			~~55~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Plutonium-239/240~~	~~0.03~~	~~PCI/G~~	~~0.03~~	~~U~~	~~UJ~~	~~62~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Radium-226~~	~~1.76~~	~~PCI/G~~	~~0.63~~			~~2.9~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Thorium-228~~	~~1.02~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Thorium-230~~	~~1.11~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS034~~	~~Thorium-232~~	~~0.95~~	~~PCI/G~~	~~0.03~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1464997.67~~	~~598023.648~~
~~SU3FSS035~~	~~Actinium-227~~	~~0.30~~	~~PCI/G~~	~~0.30~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Americium-241~~	~~0.17~~	~~PCI/G~~	~~0.09~~			~~63~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Cesium-137~~	~~0.21~~	~~PCI/G~~	~~0.05~~			~~3.8~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Cobalt-60~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU3FSS035~~	~~Lead-210~~	~~0.87~~	~~PCI/G~~	~~0.79~~			~~7.4~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Plutonium-238~~	~~98.00~~	~~PCI/G~~	~~0.09~~			~~55~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Plutonium-239/240~~	~~0.30~~	~~PCI/G~~	~~0.07~~			~~62~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Radium-226~~	~~1.22~~	~~PCI/G~~	~~0.87~~			~~2.9~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Thorium-228~~	~~1.52~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Thorium-230~~	~~1.60~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS035~~	~~Thorium-232~~	~~1.39~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1465012.67~~	~~598023.648~~
~~SU3FSS036~~	~~Actinium-227~~	~~0.29~~	~~PCI/G~~	~~0.29~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Cesium-137~~	~~0.06~~	~~PCI/G~~	~~0.05~~			~~3.8~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Lead-210~~	~~1.57~~	~~PCI/G~~	~~0.78~~			~~7.4~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Plutonium-238~~	~~2.66~~	~~PCI/G~~	~~0.06~~			~~55~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Plutonium-239/240~~	~~0.01~~	~~PCI/G~~	~~0.05~~	~~U~~	~~UJ~~	~~62~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Radium-226~~	~~1.60~~	~~PCI/G~~	~~0.92~~			~~2.9~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Thorium-228~~	~~0.83~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Thorium-230~~	~~1.04~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS036~~	~~Thorium-232~~	~~0.83~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1465027.67~~	~~598023.648~~
~~SU3FSS037~~	~~Actinium-227~~	~~0.26~~	~~PCI/G~~	~~0.26~~	~~U~~		~~4.6~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~			~~63~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Cesium-137~~	~~0.07~~	~~PCI/G~~	~~0.04~~			~~3.8~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Lead-210~~	~~0.95~~	~~PCI/G~~	~~0.75~~			~~7.4~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Plutonium-238~~	~~58.70~~	~~PCI/G~~	~~0.03~~			~~55~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Plutonium-239/240~~	~~0.17~~	~~PCI/G~~	~~0.02~~			~~62~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Radium-226~~	~~2.01~~	~~PCI/G~~	~~0.72~~			~~2.9~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Thorium-228~~	~~0.85~~	~~PCI/G~~	~~0.06~~			~~2.6~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Thorium-230~~	~~0.90~~	~~PCI/G~~	~~0.07~~			~~2.8~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS037~~	~~Thorium-232~~	~~0.62~~	~~PCI/G~~	~~0.05~~			~~2.1~~	~~04/11/2005~~	~~1465042.67~~	~~598023.648~~
~~SU3FSS038~~	~~Actinium-227~~	~~0.45~~	~~PCI/G~~	~~0.45~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Americium-241~~	~~0.11~~	~~PCI/G~~	~~0.10~~			~~63~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Cesium-137~~	~~0.15~~	~~PCI/G~~	~~0.05~~			~~3.8~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Cobalt-60~~	~~0.12~~	~~PCI/G~~	~~0.12~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Lead-210~~	~~1.60~~	~~PCI/G~~	~~0.91~~			~~7.4~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Plutonium-238~~	~~85.20~~	~~PCI/G~~	~~0.06~~			~~55~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Plutonium-239/240~~	~~0.36~~	~~PCI/G~~	~~0.04~~			~~62~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Radium-226~~	~~1.54~~	~~PCI/G~~	~~0.97~~			~~2.9~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Thorium-228~~	~~1.88~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Thorium-230~~	~~0.79~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS038~~	~~Thorium-232~~	~~0.72~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465057.67~~	~~598023.648~~
~~SU3FSS039~~	~~Actinium-227~~	~~0.24~~	~~PCI/G~~	~~0.24~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Cesium-137~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~3.8~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Lead-210~~	~~2.03~~	~~PCI/G~~	~~0.86~~			~~7.4~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Plutonium-238~~	~~19.50~~	~~PCI/G~~	~~0.05~~			~~55~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Plutonium-239/240~~	~~0.07~~	~~PCI/G~~	~~0.02~~	~~J~~	~~J~~	~~62~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Radium-226~~	~~1.44~~	~~PCI/G~~	~~0.97~~			~~2.9~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Thorium-228~~	~~1.04~~	~~PCI/G~~	~~0.06~~			~~2.6~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Thorium-230~~	~~1.19~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
~~SU3FSS039~~	~~Thorium-232~~	~~0.89~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465072.67~~	~~598023.648~~
SU3FSS040	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/15/2005	1465087.67	598023.648
SU3FSS040	Americium-241	0.08	PCI/G	0.07			63	03/15/2005	1465087.67	598023.648
SU3FSS040	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/15/2005	1465087.67	598023.648
SU3FSS040	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005	1465087.67	598023.648
SU3FSS040	Lead-210	0.77	PCI/G	0.62			7.4	03/15/2005	1465087.67	598023.648
SU3FSS040	Plutonium-238	12.70	PCI/G	0.03			55	03/15/2005	1465087.67	598023.648
SU3FSS040	Plutonium-239/240	0.04	PCI/G	0.01	J	J	62	03/15/2005	1465087.67	598023.648
SU3FSS040	Radium-226	0.92	PCI/G	0.74			2.9	03/15/2005	1465087.67	598023.648
SU3FSS040	Thorium-228	0.94	PCI/G	0.03			2.6	03/15/2005	1465087.67	598023.648
SU3FSS040	Thorium-230	1.26	PCI/G	0.03			2.8	03/15/2005	1465087.67	598023.648
SU3FSS040	Thorium-232	0.92	PCI/G	0.02		J	2.1	03/15/2005	1465087.67	598023.648
SU3FSS041	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005	1465102.67	598023.648
SU3FSS041	Americium-241	0.08	PCI/G	0.08			63	03/15/2005	1465102.67	598023.648
SU3FSS041	Cesium-137	0.40	PCI/G	0.07			3.8	03/15/2005	1465102.67	598023.648

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU3FSS041	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465102.67	598023.648
SU3FSS041	Lead-210	2.10	PCI/G	0.70			7.4	03/15/2005	1465102.67	598023.648
SU3FSS041	Plutonium-238	18.40	PCI/G	0.04			55	03/15/2005	1465102.67	598023.648
SU3FSS041	Plutonium-239/240	0.09	PCI/G	0.02	J	J	62	03/15/2005	1465102.67	598023.648
SU3FSS041	Radium-226	1.96	PCI/G	0.81			2.9	03/15/2005	1465102.67	598023.648
SU3FSS041	Thorium-228	0.80	PCI/G	0.03			2.6	03/15/2005	1465102.67	598023.648
SU3FSS041	Thorium-230	1.12	PCI/G	0.03			2.8	03/15/2005	1465102.67	598023.648
SU3FSS041	Thorium-232	0.89	PCI/G	0.02		J	2.1	03/15/2005	1465102.67	598023.648
SU3FSS042	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005	1465117.67	598023.648
SU3FSS042	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465117.67	598023.648
SU3FSS042	Cesium-137	0.28	PCI/G	0.04			3.8	03/15/2005	1465117.67	598023.648
SU3FSS042	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005	1465117.67	598023.648
SU3FSS042	Lead-210	2.39	PCI/G	0.78			7.4	03/15/2005	1465117.67	598023.648
SU3FSS042	Plutonium-238	0.95	PCI/G	0.04			55	03/15/2005	1465117.67	598023.648
SU3FSS042	Plutonium-239/240	0.02	PCI/G	0.01	J	J	62	03/15/2005	1465117.67	598023.648
SU3FSS042	Radium-226	1.18	PCI/G	0.84			2.9	03/15/2005	1465117.67	598023.648
SU3FSS042	Thorium-228	1.13	PCI/G	0.04			2.6	03/15/2005	1465117.67	598023.648
SU3FSS042	Thorium-230	1.48	PCI/G	0.03			2.8	03/15/2005	1465117.67	598023.648
SU3FSS042	Thorium-232	0.98	PCI/G	0.02		J	2.1	03/15/2005	1465117.67	598023.648
SU3FSS043	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/15/2005	1465132.67	598023.648
SU3FSS043	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465132.67	598023.648
SU3FSS043	Cesium-137	0.26	PCI/G	0.05			3.8	03/15/2005	1465132.67	598023.648
SU3FSS043	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005	1465132.67	598023.648
SU3FSS043	Lead-210	2.04	PCI/G	0.77			7.4	03/15/2005	1465132.67	598023.648
SU3FSS043	Plutonium-238	0.33	PCI/G	0.05			55	03/15/2005	1465132.67	598023.648
SU3FSS043	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005	1465132.67	598023.648
SU3FSS043	Radium-226	2.10	PCI/G	0.83			2.9	03/15/2005	1465132.67	598023.648
SU3FSS043	Thorium-228	0.83	PCI/G	0.03			2.6	03/15/2005	1465132.67	598023.648
SU3FSS043	Thorium-230	1.19	PCI/G	0.03			2.8	03/15/2005	1465132.67	598023.648
SU3FSS043	Thorium-232	0.81	PCI/G	0.03		J	2.1	03/15/2005	1465132.67	598023.648
SU3FSS044	Actinium-227	0.44	PCI/G	0.44	U		4.6	03/15/2005	1465147.67	598023.648
SU3FSS044	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465147.67	598023.648
SU3FSS044	Cesium-137	0.40	PCI/G	0.40	U		3.8	03/15/2005	1465147.67	598023.648
SU3FSS044	Cobalt-60	0.12	PCI/G	0.04			0.7	03/15/2005	1465147.67	598023.648
SU3FSS044	Lead-210	1.78	PCI/G	0.80			7.4	03/15/2005	1465147.67	598023.648
SU3FSS044	Plutonium-238	0.33	PCI/G	0.05			55	03/15/2005	1465147.67	598023.648
SU3FSS044	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005	1465147.67	598023.648
SU3FSS044	Radium-226	2.56	PCI/G	0.93			2.9	03/15/2005	1465147.67	598023.648
SU3FSS044	Thorium-228	0.60	PCI/G	0.03			2.6	03/15/2005	1465147.67	598023.648
SU3FSS044	Thorium-230	0.65	PCI/G	0.02			2.8	03/15/2005	1465147.67	598023.648
SU3FSS044	Thorium-232	0.37	PCI/G	0.02		J	2.1	03/15/2005	1465147.67	598023.648
SU3FSS045	Actinium-227	0.40	PCI/G	0.40	U		4.6	03/15/2005	1465162.67	598023.648
SU3FSS045	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465162.67	598023.648
SU3FSS045	Cesium-137	0.17	PCI/G	0.08			3.8	03/15/2005	1465162.67	598023.648
SU3FSS045	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005	1465162.67	598023.648
SU3FSS045	Lead-210	2.54	PCI/G	1.09			7.4	03/15/2005	1465162.67	598023.648
SU3FSS045	Plutonium-238	0.36	PCI/G	0.04			55	03/15/2005	1465162.67	598023.648
SU3FSS045	Plutonium-239/240	0.01	PCI/G	0.01	U	UJ	62	03/15/2005	1465162.67	598023.648
SU3FSS045	Radium-226	2.75	PCI/G	1.27			2.9	03/15/2005	1465162.67	598023.648
SU3FSS045	Thorium-228	1.06	PCI/G	0.05		J	2.6	03/15/2005	1465162.67	598023.648
SU3FSS045	Thorium-230	1.62	PCI/G	0.03			2.8	03/15/2005	1465162.67	598023.648
SU3FSS045	Thorium-232	0.91	PCI/G	0.02		J	2.1	03/15/2005	1465162.67	598023.648
SU3FSS046	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005	1465177.67	598023.648
SU3FSS046	Americium-241	0.11	PCI/G	0.11	U		63	03/15/2005	1465177.67	598023.648
SU3FSS046	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/15/2005	1465177.67	598023.648
SU3FSS046	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005	1465177.67	598023.648
SU3FSS046	Lead-210	1.14	PCI/G	1.00			7.4	03/15/2005	1465177.67	598023.648
SU3FSS046	Plutonium-238	0.16	PCI/G	0.04			55	03/15/2005	1465177.67	598023.648
SU3FSS046	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005	1465177.67	598023.648
SU3FSS046	Radium-226	2.17	PCI/G	1.00			2.9	03/15/2005	1465177.67	598023.648
SU3FSS046	Thorium-228	0.76	PCI/G	0.03		J	2.6	03/15/2005	1465177.67	598023.648
SU3FSS046	Thorium-230	1.36	PCI/G	0.02			2.8	03/15/2005	1465177.67	598023.648
SU3FSS046	Thorium-232	0.72	PCI/G	0.03		J	2.1	03/15/2005	1465177.67	598023.648
SU3FSS047	Actinium-227	0.35	PCI/G	0.35	U		4.6	03/15/2005	1465192.67	598023.648

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU3FSS047	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005	1465192.67	598023.648
SU3FSS047	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/15/2005	1465192.67	598023.648
SU3FSS047	Cobalt-60	0.12	PCI/G	0.12	U		0.7	03/15/2005	1465192.67	598023.648
SU3FSS047	Lead-210	2.02	PCI/G	0.86			7.4	03/15/2005	1465192.67	598023.648
SU3FSS047	Plutonium-238	0.13	PCI/G	0.04			55	03/15/2005	1465192.67	598023.648
SU3FSS047	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005	1465192.67	598023.648
SU3FSS047	Radium-226	1.53	PCI/G	1.05			2.9	03/15/2005	1465192.67	598023.648
SU3FSS047	Thorium-228	0.56	PCI/G	0.03		J	2.6	03/15/2005	1465192.67	598023.648
SU3FSS047	Thorium-230	1.26	PCI/G	0.03			2.8	03/15/2005	1465192.67	598023.648
SU3FSS047	Thorium-232	0.55	PCI/G	0.02		J	2.1	03/15/2005	1465192.67	598023.648
SU3FSS048	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/15/2005	1465207.67	598023.648
SU3FSS048	Americium-241	0.11	PCI/G	0.11	U		63	03/15/2005	1465207.67	598023.648
SU3FSS048	Cesium-137	0.07	PCI/G	0.07			3.8	03/15/2005	1465207.67	598023.648
SU3FSS048	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005	1465207.67	598023.648
SU3FSS048	Lead-210	2.76	PCI/G	1.01			7.4	03/15/2005	1465207.67	598023.648
SU3FSS048	Plutonium-238	0.21	PCI/G	0.04			55	03/15/2005	1465207.67	598023.648
SU3FSS048	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/15/2005	1465207.67	598023.648
SU3FSS048	Radium-226	1.68	PCI/G	0.99			2.9	03/15/2005	1465207.67	598023.648
SU3FSS048	Thorium-228	0.45	PCI/G	0.03		J	2.6	03/15/2005	1465207.67	598023.648
SU3FSS048	Thorium-230	0.89	PCI/G	0.02			2.8	03/15/2005	1465207.67	598023.648
SU3FSS048	Thorium-232	0.38	PCI/G	0.02		J	2.1	03/15/2005	1465207.67	598023.648
SU3FSS049	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005	1464990.17	598036.638
SU3FSS049	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005	1464990.17	598036.638
SU3FSS049	Cesium-137	0.06	PCI/G	0.03			3.8	03/15/2005	1464990.17	598036.638
SU3FSS049	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1464990.17	598036.638
SU3FSS049	Lead-210	3.02	PCI/G	0.73			7.4	03/15/2005	1464990.17	598036.638
SU3FSS049	Plutonium-238	2.27	PCI/G	0.04			55	03/15/2005	1464990.17	598036.638
SU3FSS049	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005	1464990.17	598036.638
SU3FSS049	Radium-226	1.23	PCI/G	0.81			2.9	03/15/2005	1464990.17	598036.638
SU3FSS049	Thorium-228	0.46	PCI/G	0.06		J	2.6	03/15/2005	1464990.17	598036.638
SU3FSS049	Thorium-230	0.74	PCI/G	0.04			2.8	03/15/2005	1464990.17	598036.638
SU3FSS049	Thorium-232	0.33	PCI/G	0.02		J	2.1	03/15/2005	1464990.17	598036.638
~~SU3FSS050~~	~~Actinium-227~~	~~0.28~~	~~PCI/G~~	~~0.28~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Americium-241~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~63~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Cesium-137~~	~~0.08~~	~~PCI/G~~	~~0.05~~			~~3.8~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Cobalt-60~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Lead-210~~	~~1.89~~	~~PCI/G~~	~~0.66~~			~~7.4~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Plutonium-238~~	~~28.60~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Plutonium-239/240~~	~~0.31~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Radium-226~~	~~1.15~~	~~PCI/G~~	~~0.72~~			~~2.9~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Thorium-228~~	~~1.11~~	~~PCI/G~~	~~0.08~~		~~J~~	~~2.6~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Thorium-230~~	~~0.95~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
~~SU3FSS050~~	~~Thorium-232~~	~~0.78~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1465005.17~~	~~598036.638~~
SU3FSS051	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/16/2005	1465020.17	598036.638
SU3FSS051	Americium-241	0.07	PCI/G	0.07			63	03/16/2005	1465020.17	598036.638
SU3FSS051	Cesium-137	0.07	PCI/G	0.05			3.8	03/16/2005	1465020.17	598036.638
SU3FSS051	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/16/2005	1465020.17	598036.638
SU3FSS051	Lead-210	2.04	PCI/G	0.74			7.4	03/16/2005	1465020.17	598036.638
SU3FSS051	Plutonium-238	13.20	PCI/G	0.04			55	03/16/2005	1465020.17	598036.638
SU3FSS051	Radium-226	1.12	PCI/G	0.75			2.9	03/16/2005	1465020.17	598036.638
SU3FSS051	Thorium-228	0.65	PCI/G	0.05		J	2.6	03/16/2005	1465020.17	598036.638
SU3FSS051	Thorium-230	0.86	PCI/G	0.04			2.8	03/16/2005	1465020.17	598036.638
SU3FSS051	Thorium-232	0.65	PCI/G	0.03		J	2.1	03/16/2005	1465020.17	598036.638
SU3FSS052	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/15/2005	1465035.17	598036.638
SU3FSS052	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465035.17	598036.638
SU3FSS052	Cesium-137	0.09	PCI/G	0.09	U		3.8	03/15/2005	1465035.17	598036.638
SU3FSS052	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465035.17	598036.638
SU3FSS052	Lead-210	2.00	PCI/G	0.94			7.4	03/15/2005	1465035.17	598036.638
SU3FSS052	Plutonium-238	6.16	PCI/G	0.04			55	03/15/2005	1465035.17	598036.638
SU3FSS052	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	03/15/2005	1465035.17	598036.638
SU3FSS052	Radium-226	1.39	PCI/G	1.08			2.9	03/15/2005	1465035.17	598036.638
SU3FSS052	Thorium-228	0.91	PCI/G	0.08		J	2.6	03/15/2005	1465035.17	598036.638
SU3FSS052	Thorium-230	0.89	PCI/G	0.08			2.8	03/15/2005	1465035.17	598036.638
SU3FSS052	Thorium-232	0.73	PCI/G	0.07		J	2.1	03/15/2005	1465035.17	598036.638

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU3FSS053~~	~~Actinium-227~~	~~0.28~~	~~PCI/G~~	~~0.28~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Cesium-137~~	~~0.10~~	~~PCI/G~~	~~0.07~~			~~3.8~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Lead-210~~	~~1.66~~	~~PCI/G~~	~~0.76~~			~~7.4~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Plutonium-238~~	~~2.29~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Plutonium-239/240~~	~~0.05~~	~~PCI/G~~	~~0.03~~	~~J~~	~~J~~	~~62~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Radium-226~~	~~1.53~~	~~PCI/G~~	~~0.90~~			~~2.9~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Thorium-228~~	~~0.84~~	~~PCI/G~~	~~0.06~~		~~J~~	~~2.6~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Thorium-230~~	~~1.15~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS053~~	~~Thorium-232~~	~~0.90~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465050.17~~	~~598036.638~~
~~SU3FSS054~~	~~Actinium-227~~	~~0.57~~	~~PCI/G~~	~~0.57~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Americium-241~~	~~0.13~~	~~PCI/G~~	~~0.13~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Cesium-137~~	~~0.37~~	~~PCI/G~~	~~0.10~~			~~3.8~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Cobalt-60~~	~~0.15~~	~~PCI/G~~	~~0.15~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Lead-210~~	~~2.83~~	~~PCI/G~~	~~1.19~~			~~7.4~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Plutonium-238~~	~~48.80~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Plutonium-239/240~~	~~0.43~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Radium-226~~	~~1.78~~	~~PCI/G~~	~~1.29~~			~~2.9~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Thorium-228~~	~~1.39~~	~~PCI/G~~	~~0.07~~		~~J~~	~~2.6~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Thorium-230~~	~~1.37~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
~~SU3FSS054~~	~~Thorium-232~~	~~1.02~~	~~PCI/G~~	~~0.03~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465065.17~~	~~598036.638~~
SU3FSS055	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/15/2005	1465080.17	598036.638
SU3FSS055	Americium-241	0.09	PCI/G	0.08			63	03/15/2005	1465080.17	598036.638
SU3FSS055	Cesium-137	0.26	PCI/G	0.05			3.8	03/15/2005	1465080.17	598036.638
SU3FSS055	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465080.17	598036.638
SU3FSS055	Lead-210	2.40	PCI/G	0.88			7.4	03/15/2005	1465080.17	598036.638
SU3FSS055	Plutonium-238	24.30	PCI/G	0.03			55	03/15/2005	1465080.17	598036.638
SU3FSS055	Plutonium-239/240	0.36	PCI/G	0.02			62	03/15/2005	1465080.17	598036.638
SU3FSS055	Radium-226	1.69	PCI/G	1.02			2.9	03/15/2005	1465080.17	598036.638
SU3FSS055	Thorium-228	1.05	PCI/G	0.06		J	2.6	03/15/2005	1465080.17	598036.638
SU3FSS055	Thorium-230	1.08	PCI/G	0.05			2.8	03/15/2005	1465080.17	598036.638
SU3FSS055	Thorium-232	0.79	PCI/G	0.03		J	2.1	03/15/2005	1465080.17	598036.638
~~SU3FSS056~~	~~Actinium-227~~	~~0.31~~	~~PCI/G~~	~~0.31~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Cesium-137~~	~~0.11~~	~~PCI/G~~	~~0.07~~			~~3.8~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Lead-210~~	~~1.52~~	~~PCI/G~~	~~0.81~~			~~7.4~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Plutonium-238~~	~~28.40~~	~~PCI/G~~	~~0.03~~			~~55~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Plutonium-239/240~~	~~0.44~~	~~PCI/G~~	~~0.02~~			~~62~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Radium-226~~	~~1.28~~	~~PCI/G~~	~~0.85~~			~~2.9~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Thorium-228~~	~~0.91~~	~~PCI/G~~	~~0.06~~		~~J~~	~~2.6~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Thorium-230~~	~~0.91~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS056~~	~~Thorium-232~~	~~0.86~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465095.17~~	~~598036.638~~
~~SU3FSS057~~	~~Actinium-227~~	~~0.37~~	~~PCI/G~~	~~0.37~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Americium-241~~	~~0.11~~	~~PCI/G~~	~~0.09~~			~~63~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Cesium-137~~	~~0.12~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Lead-210~~	~~1.76~~	~~PCI/G~~	~~0.72~~			~~7.4~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Plutonium-238~~	~~73.70~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Plutonium-239/240~~	~~1.31~~	~~PCI/G~~	~~0.01~~			~~62~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Radium-226~~	~~1.32~~	~~PCI/G~~	~~0.81~~			~~2.9~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Thorium-228~~	~~1.32~~	~~PCI/G~~	~~0.05~~		~~J~~	~~2.6~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Thorium-230~~	~~0.78~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS057~~	~~Thorium-232~~	~~0.66~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465110.17~~	~~598036.638~~
~~SU3FSS058~~	~~Actinium-227~~	~~0.20~~	~~PCI/G~~	~~0.20~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Americium-241~~	~~0.15~~	~~PCI/G~~	~~0.07~~			~~63~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Cesium-137~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~3.8~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Cobalt-60~~	~~0.03~~	~~PCI/G~~	~~0.03~~			~~0.7~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Lead-210~~	~~0.81~~	~~PCI/G~~	~~0.55~~			~~7.4~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Plutonium-238~~	~~71.80~~	~~PCI/G~~	~~0.03~~			~~55~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Plutonium-239/240~~	~~1.06~~	~~PCI/G~~	~~0.02~~			~~62~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Radium-226~~	~~0.99~~	~~PCI/G~~	~~0.61~~			~~2.9~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Thorium-228~~	~~0.99~~	~~PCI/G~~	~~0.03~~		~~J~~	~~2.6~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU3FSS058~~	~~Thorium-230~~	~~0.79~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS058~~	~~Thorium-232~~	~~0.35~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465125.17~~	~~598036.638~~
~~SU3FSS059~~	~~Actinium-227~~	~~0.16~~	~~PCI/G~~	~~0.16~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Americium-241~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Cesium-137~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~3.8~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Cobalt-60~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Lead-210~~	~~0.54~~	~~PCI/G~~	~~0.54~~	~~U~~		~~7.4~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Plutonium-238~~	~~24.00~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Plutonium-239/240~~	~~0.39~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Radium-226~~	~~0.65~~	~~PCI/G~~	~~0.65~~			~~2.9~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Thorium-228~~	~~0.64~~	~~PCI/G~~	~~0.06~~		~~J~~	~~2.6~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Thorium-230~~	~~0.68~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS059~~	~~Thorium-232~~	~~0.34~~	~~PCI/G~~	~~0.05~~		~~J~~	~~2.1~~	~~03/15/2005~~	~~1465140.17~~	~~598036.638~~
~~SU3FSS060~~	~~Actinium-227~~	~~0.24~~	~~PCI/G~~	~~0.24~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Americium-241~~	~~0.52~~	~~PCI/G~~	~~0.09~~			~~63~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Cesium-137~~	~~0.12~~	~~PCI/G~~	~~0.04~~			~~3.8~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Cobalt-60~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Lead-210~~	~~0.72~~	~~PCI/G~~	~~0.72~~	~~U~~		~~7.4~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Plutonium-238~~	~~358.00~~	~~PCI/G~~	~~3.00~~			~~55~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Plutonium-239/240~~	~~6.50~~	~~PCI/G~~	~~2.80~~		~~J~~	~~62~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Radium-226~~	~~1.49~~	~~PCI/G~~	~~0.70~~			~~2.9~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Thorium-228~~	~~5.26~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Thorium-230~~	~~0.94~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.8~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS060~~	~~Thorium-232~~	~~0.61~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1465155.17~~	~~598036.638~~
~~SU3FSS061~~	~~Actinium-227~~	~~0.33~~	~~PCI/G~~	~~0.33~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Cesium-137~~	~~0.05~~	~~PCI/G~~	~~0.05~~	~~U~~		~~3.8~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Lead-210~~	~~0.83~~	~~PCI/G~~	~~0.72~~			~~7.4~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Plutonium-238~~	~~3.54~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Plutonium-239/240~~	~~0.07~~	~~PCI/G~~	~~0.02~~	~~J~~	~~J~~	~~62~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Radium-226~~	~~1.87~~	~~PCI/G~~	~~0.76~~			~~2.9~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Thorium-228~~	~~0.95~~	~~PCI/G~~	~~0.06~~		~~J~~	~~2.6~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Thorium-230~~	~~1.18~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS061~~	~~Thorium-232~~	~~0.74~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1465170.17~~	~~598036.638~~
~~SU3FSS062~~	~~Actinium-227~~	~~0.34~~	~~PCI/G~~	~~0.34~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Cesium-137~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~3.8~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Cobalt-60~~	~~0.12~~	~~PCI/G~~	~~0.12~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Lead-210~~	~~1.54~~	~~PCI/G~~	~~0.93~~			~~7.4~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Plutonium-238~~	~~0.90~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Plutonium-239/240~~	~~0.03~~	~~PCI/G~~	~~0.03~~	~~J~~	~~J~~	~~62~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Radium-226~~	~~1.95~~	~~PCI/G~~	~~1.05~~			~~2.9~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Thorium-228~~	~~0.94~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.6~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Thorium-230~~	~~1.38~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
~~SU3FSS062~~	~~Thorium-232~~	~~0.99~~	~~PCI/G~~	~~0.03~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1465185.17~~	~~598036.638~~
SU3FSS063	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/16/2005	1465200.17	598036.638
SU3FSS063	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1465200.17	598036.638
SU3FSS063	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/16/2005	1465200.17	598036.638
SU3FSS063	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/16/2005	1465200.17	598036.638
SU3FSS063	Lead-210	1.69	PCI/G	0.65			7.4	03/16/2005	1465200.17	598036.638
SU3FSS063	Plutonium-238	17.50	PCI/G	0.03			55	03/16/2005	1465200.17	598036.638
SU3FSS063	Plutonium-239/240	0.22	PCI/G	0.02			62	03/16/2005	1465200.17	598036.638
SU3FSS063	Radium-226	1.36	PCI/G	0.81			2.9	03/16/2005	1465200.17	598036.638
SU3FSS063	Thorium-228	0.89	PCI/G	0.05		J	2.6	03/16/2005	1465200.17	598036.638
SU3FSS063	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005	1465200.17	598036.638
SU3FSS063	Thorium-232	0.78	PCI/G	0.03		J	2.1	03/16/2005	1465200.17	598036.638
SU3FSS064	Actinium-227	0.42	PCI/G	0.42	U		4.6	03/16/2005	1465215.17	598036.638
SU3FSS064	Americium-241	0.10	PCI/G	0.10	U		63	03/16/2005	1465215.17	598036.638
SU3FSS064	Cesium-137	0.13	PCI/G	0.07			3.8	03/16/2005	1465215.17	598036.638
SU3FSS064	Cobalt-60	0.13	PCI/G	0.13	U		0.7	03/16/2005	1465215.17	598036.638
SU3FSS064	Lead-210	1.94	PCI/G	0.97			7.4	03/16/2005	1465215.17	598036.638
SU3FSS064	Plutonium-238	0.63	PCI/G	0.03			55	03/16/2005	1465215.17	598036.638
SU3FSS064	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/16/2005	1465215.17	598036.638
SU3FSS064	Radium-226	2.27	PCI/G	1.09			2.9	03/16/2005	1465215.17	598036.638

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU3FSS064	Thorium-228	0.86	PCI/G	0.16		J	2.6	03/16/2005	1465215.17	598036.638
SU3FSS064	Thorium-230	1.18	PCI/G	0.05			2.8	03/16/2005	1465215.17	598036.638
SU3FSS064	Thorium-232	0.64	PCI/G	0.12		J	2.1	03/16/2005	1465215.17	598036.638
SU3FSS065	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005	1465230.17	598036.638
SU3FSS065	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465230.17	598036.638
SU3FSS065	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/15/2005	1465230.17	598036.638
SU3FSS065	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465230.17	598036.638
SU3FSS065	Lead-210	1.82	PCI/G	0.66			7.4	03/15/2005	1465230.17	598036.638
SU3FSS065	Plutonium-238	0.11	PCI/G	0.04		J	55	03/15/2005	1465230.17	598036.638
SU3FSS065	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005	1465230.17	598036.638
SU3FSS065	Radium-226	1.97	PCI/G	0.79			2.9	03/15/2005	1465230.17	598036.638
SU3FSS065	Thorium-228	0.63	PCI/G	0.06			2.6	03/15/2005	1465230.17	598036.638
SU3FSS065	Thorium-230	1.06	PCI/G	0.02			2.8	03/15/2005	1465230.17	598036.638
SU3FSS065	Thorium-232	0.51	PCI/G	0.02			2.1	03/15/2005	1465230.17	598036.638
~~SU3FSS066~~	~~Actinium-227~~	~~0.48~~	~~PCI/G~~	~~0.48~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Cesium-137~~	~~0.09~~	~~PCI/G~~	~~0.09~~	~~U~~		~~3.8~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Lead-210~~	~~1.37~~	~~PCI/G~~	~~1.19~~			~~7.4~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Plutonium-238~~	~~0.63~~	~~PCI/G~~	~~0.03~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Plutonium-239/240~~	~~0.01~~	~~PCI/G~~	~~0.02~~	~~U~~	~~UJ~~	~~62~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Radium-226~~	~~1.74~~	~~PCI/G~~	~~1.02~~			~~2.9~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Thorium-228~~	~~0.24~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.6~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Thorium-230~~	~~0.62~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS066~~	~~Thorium-232~~	~~0.28~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/15/2005~~	~~1465042.67~~	~~598049.629~~
~~SU3FSS067~~	~~Actinium-227~~	~~0.35~~	~~PCI/G~~	~~0.35~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Americium-241~~	~~0.09~~	~~PCI/G~~	~~0.07~~			~~63~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Cesium-137~~	~~0.12~~	~~PCI/G~~	~~0.04~~			~~3.8~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Cobalt-60~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Lead-210~~	~~2.05~~	~~PCI/G~~	~~0.67~~			~~7.4~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Plutonium-238~~	~~18.30~~	~~PCI/G~~	~~0.05~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Plutonium-239/240~~	~~0.14~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Radium-226~~	~~1.30~~	~~PCI/G~~	~~0.65~~			~~2.9~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Thorium-228~~	~~0.96~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Thorium-230~~	~~1.05~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
~~SU3FSS067~~	~~Thorium-232~~	~~0.67~~	~~PCI/G~~	~~0.03~~			~~2.1~~	~~03/15/2005~~	~~1465057.67~~	~~598049.615~~
SU3FSS068	Actinium-227	0.47	PCI/G	0.47	U		4.6	03/15/2005	1465072.67	598049.615
SU3FSS068	Americium-241	0.12	PCI/G	0.12	U		63	03/15/2005	1465072.67	598049.615
SU3FSS068	Cesium-137	0.19	PCI/G	0.07			3.8	03/15/2005	1465072.67	598049.615
SU3FSS068	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005	1465072.67	598049.615
SU3FSS068	Lead-210	1.85	PCI/G	0.91			7.4	03/15/2005	1465072.67	598049.615
SU3FSS068	Plutonium-238	0.82	PCI/G	0.03		J	55	03/15/2005	1465072.67	598049.615
SU3FSS068	Plutonium-239/240	0.04	PCI/G	0.02	J	J	62	03/15/2005	1465072.67	598049.615
SU3FSS068	Radium-226	1.69	PCI/G	1.21			2.9	03/15/2005	1465072.67	598049.615
SU3FSS068	Thorium-228	0.91	PCI/G	0.04			2.6	03/15/2005	1465072.67	598049.615
SU3FSS068	Thorium-230	0.90	PCI/G	0.02			2.8	03/15/2005	1465072.67	598049.615
SU3FSS068	Thorium-232	0.87	PCI/G	0.03			2.1	03/15/2005	1465072.67	598049.615
SU3FSS069	Actinium-227	0.35	PCI/G	0.35	U		4.6	03/15/2005	1465087.67	598049.615
SU3FSS069	Americium-241	0.12	PCI/G	0.12	U		63	03/15/2005	1465087.67	598049.615
SU3FSS069	Cesium-137	0.10	PCI/G	0.10	U		3.8	03/15/2005	1465087.67	598049.615
SU3FSS069	Cobalt-60	0.08	PCI/G	0.01			0.7	03/15/2005	1465087.67	598049.615
SU3FSS069	Lead-210	1.12	PCI/G	1.12	U		7.4	03/15/2005	1465087.67	598049.615
SU3FSS069	Plutonium-238	0.60	PCI/G	0.04		J	55	03/15/2005	1465087.67	598049.615
SU3FSS069	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005	1465087.67	598049.615
SU3FSS069	Radium-226	1.75	PCI/G	1.14			2.9	03/15/2005	1465087.67	598049.615
SU3FSS069	Thorium-228	1.04	PCI/G	0.03			2.6	03/15/2005	1465087.67	598049.615
SU3FSS069	Thorium-230	0.74	PCI/G	0.03			2.8	03/15/2005	1465087.67	598049.615
SU3FSS069	Thorium-232	0.78	PCI/G	0.02			2.1	03/15/2005	1465087.67	598049.615
~~SU3FSS070~~	~~Actinium-227~~	~~0.32~~	~~PCI/G~~	~~0.32~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465102.67~~	~~598049.615~~
~~SU3FSS070~~	~~Americium-241~~	~~0.11~~	~~PCI/G~~	~~0.11~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465102.67~~	~~598049.615~~
~~SU3FSS070~~	~~Cesium-137~~	~~0.14~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~03/15/2005~~	~~1465102.67~~	~~598049.615~~
~~SU3FSS070~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465102.67~~	~~598049.615~~
~~SU3FSS070~~	~~Lead-210~~	~~1.00~~	~~PCI/G~~	~~1.00~~	~~U~~		~~7.4~~	~~03/15/2005~~	~~1465102.67~~	~~598049.615~~
~~SU3FSS070~~	~~Plutonium-238~~	~~0.58~~	~~PCI/G~~	~~0.05~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465102.67~~	~~598049.615~~
~~SU3FSS070~~	~~Plutonium-239/240~~	~~0.04~~	~~PCI/G~~	~~0.03~~	~~U~~	~~UJ~~	~~62~~	~~03/15/2005~~	~~1465102.67~~	~~598049.615~~

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU3FSS070	Radium-226	2.55	PCI/G	0.95			2.9	03/15/2005	1465102.67	598049.615
SU3FSS070	Thorium-228	0.84	PCI/G	0.04			2.6	03/15/2005	1465102.67	598049.615
SU3FSS070	Thorium-230	1.06	PCI/G	0.03			2.8	03/15/2005	1465102.67	598049.615
SU3FSS070	Thorium-232	0.90	PCI/G	0.03			2.1	03/15/2005	1465102.67	598049.615
SU3FSS071	Actinium-227	0.34	PCI/G	0.34	U		4.6	03/15/2005	1465117.67	598049.615
SU3FSS071	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465117.67	598049.615
SU3FSS071	Cesium-137	0.16	PCI/G	0.06			3.8	03/15/2005	1465117.67	598049.615
SU3FSS071	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465117.67	598049.615
SU3FSS071	Lead-210	1.27	PCI/G	0.87			7.4	03/15/2005	1465117.67	598049.615
SU3FSS071	Plutonium-238	0.50	PCI/G	0.05		J	55	03/15/2005	1465117.67	598049.615
SU3FSS071	Plutonium-239/240	0.00	PCI/G	0.03	U	U	62	03/15/2005	1465117.67	598049.615
SU3FSS071	Radium-226	1.64	PCI/G	0.93			2.9	03/15/2005	1465117.67	598049.615
SU3FSS071	Thorium-228	0.73	PCI/G	0.05			2.6	03/15/2005	1465117.67	598049.615
SU3FSS071	Thorium-230	1.01	PCI/G	0.03			2.8	03/15/2005	1465117.67	598049.615
SU3FSS071	Thorium-232	0.78	PCI/G	0.03			2.1	03/15/2005	1465117.67	598049.615
SU3FSS072	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/15/2005	1465132.67	598049.615
SU3FSS072	Americium-241	0.20	PCI/G	0.12			63	03/15/2005	1465132.67	598049.615
SU3FSS072	Cesium-137	0.27	PCI/G	0.08			3.8	03/15/2005	1465132.67	598049.615
SU3FSS072	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465132.67	598049.615
SU3FSS072	Lead-210	1.66	PCI/G	0.92			7.4	03/15/2005	1465132.67	598049.615
SU3FSS072	Plutonium-238	73.00	PCI/G	0.03		J	55	03/15/2005	1465132.67	598049.615
SU3FSS072	Plutonium-239/240	0.69	PCI/G	0.02			62	03/15/2005	1465132.67	598049.615
SU3FSS072	Radium-226	2.34	PCI/G	1.04			2.9	03/15/2005	1465132.67	598049.615
SU3FSS072	Thorium-228	1.44	PCI/G	0.03			2.6	03/15/2005	1465132.67	598049.615
SU3FSS072	Thorium-230	1.49	PCI/G	0.02			2.8	03/15/2005	1465132.67	598049.615
SU3FSS072	Thorium-232	0.97	PCI/G	0.02			2.1	03/15/2005	1465132.67	598049.615
SU3FSS073	Actinium-227	0.34	PCI/G	0.34	U		4.6	03/15/2005	1465147.67	598049.629
SU3FSS073	Americium-241	0.11	PCI/G	0.11	U		63	03/15/2005	1465147.67	598049.629
SU3FSS073	Cesium-137	0.09	PCI/G	0.09			3.8	03/15/2005	1465147.67	598049.629
SU3FSS073	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005	1465147.67	598049.629
SU3FSS073	Lead-210	1.30	PCI/G	0.98			7.4	03/15/2005	1465147.67	598049.629
SU3FSS073	Plutonium-238	3.42	PCI/G	0.03		J	55	03/15/2005	1465147.67	598049.629
SU3FSS073	Plutonium-239/240	0.04	PCI/G	0.02	J	J	62	03/15/2005	1465147.67	598049.629
SU3FSS073	Radium-226	2.25	PCI/G	0.96			2.9	03/15/2005	1465147.67	598049.629
SU3FSS073	Thorium-228	0.96	PCI/G	0.04			2.6	03/15/2005	1465147.67	598049.629
SU3FSS073	Thorium-230	0.92	PCI/G	0.03			2.8	03/15/2005	1465147.67	598049.629
SU3FSS074	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005	1465162.67	598049.615
SU3FSS074	Americium-241	0.90	PCI/G	0.90			63	03/15/2005	1465162.67	598049.615
SU3FSS074	Cesium-137	0.10	PCI/G	0.10	U		3.8	03/15/2005	1465162.67	598049.615
SU3FSS074	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005	1465162.67	598049.615
SU3FSS074	Lead-210	1.14	PCI/G	0.85			7.4	03/15/2005	1465162.67	598049.615
SU3FSS074	Plutonium-238	24.90	PCI/G	0.03		J	55	03/15/2005	1465162.67	598049.615
SU3FSS074	Plutonium-239/240	0.43	PCI/G	0.01			62	03/15/2005	1465162.67	598049.615
SU3FSS074	Radium-226	1.17	PCI/G	1.02			2.9	03/15/2005	1465162.67	598049.615
SU3FSS074	Thorium-228	1.39	PCI/G	0.03			2.6	03/15/2005	1465162.67	598049.615
SU3FSS074	Thorium-230	1.06	PCI/G	0.03			2.8	03/15/2005	1465162.67	598049.615
SU3FSS074	Thorium-232	0.93	PCI/G	0.02			2.1	03/15/2005	1465162.67	598049.615
SU3FSS075	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/16/2005	1465177.67	598049.615
SU3FSS075	Americium-241	0.28	PCI/G	0.09			63	03/16/2005	1465177.67	598049.615
SU3FSS075	Cesium-137	0.12	PCI/G	0.05			3.8	03/16/2005	1465177.67	598049.615
SU3FSS075	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/16/2005	1465177.67	598049.615
SU3FSS075	Lead-210	0.74	PCI/G	0.74	U		7.4	03/16/2005	1465177.67	598049.615
SU3FSS075	Plutonium-238	274.00	PCI/G	5.00		J	55	03/16/2005	1465177.67	598049.615
SU3FSS075	Plutonium-239/240	4.40	PCI/G	4.00	J	J	62	03/16/2005	1465177.67	598049.615
SU3FSS075	Radium-226	1.33	PCI/G	0.78			2.9	03/16/2005	1465177.67	598049.615
SU3FSS075	Thorium-228	3.14	PCI/G	0.03			2.6	03/16/2005	1465177.67	598049.615
SU3FSS075	Thorium-230	3.32	PCI/G	0.03			2.8	03/16/2005	1465177.67	598049.615
SU3FSS075	Thorium-232	1.32	PCI/G	0.03			2.1	03/16/2005	1465177.67	598049.615
SU3FSS076	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/15/2005	1465192.67	598049.629
SU3FSS076	Americium-241	0.13	PCI/G	0.07			63	03/15/2005	1465192.67	598049.629
SU3FSS076	Cesium-137	0.20	PCI/G	0.04			3.8	03/15/2005	1465192.67	598049.629
SU3FSS076	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465192.67	598049.629
SU3FSS076	Lead-210	0.60	PCI/G	0.60	U		7.4	03/15/2005	1465192.67	598049.629
SU3FSS076	Plutonium-238	46.70	PCI/G	0.03		J	55	03/15/2005	1465192.67	598049.629
SU3FSS076	Plutonium-239/240	0.38	PCI/G	0.02			62	03/15/2005	1465192.67	598049.629

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU3FSS076~~	~~Radium-226~~	~~1.16~~	~~PCI/G~~	~~0.72~~			~~2.9~~	~~03/15/2005~~	~~1465192.67~~	~~598049.629~~
~~SU3FSS076~~	~~Thorium-228~~	~~1.77~~	~~PCI/G~~	~~0.05~~			~~2.6~~	~~03/15/2005~~	~~1465192.67~~	~~598049.629~~
~~SU3FSS076~~	~~Thorium-230~~	~~1.15~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/15/2005~~	~~1465192.67~~	~~598049.629~~
~~SU3FSS076~~	~~Thorium-232~~	~~1.08~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/15/2005~~	~~1465192.67~~	~~598049.629~~
SU3FSS077	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005	1465207.67	598049.629
SU3FSS077	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005	1465207.67	598049.629
SU3FSS077	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/15/2005	1465207.67	598049.629
SU3FSS077	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465207.67	598049.629
SU3FSS077	Lead-210	2.03	PCI/G	0.82			7.4	03/15/2005	1465207.67	598049.629
SU3FSS077	Plutonium-238	39.30	PCI/G	0.04		J	55	03/15/2005	1465207.67	598049.629
SU3FSS077	Plutonium-239/240	0.72	PCI/G	0.02			62	03/15/2005	1465207.67	598049.629
SU3FSS077	Radium-226	0.97	PCI/G	0.97	U		2.9	03/15/2005	1465207.67	598049.629
SU3FSS077	Thorium-228	0.87	PCI/G	0.02			2.6	03/15/2005	1465207.67	598049.629
SU3FSS077	Thorium-230	0.73	PCI/G	0.02			2.8	03/15/2005	1465207.67	598049.629
SU3FSS077	Thorium-232	0.75	PCI/G	0.02			2.1	03/15/2005	1465207.67	598049.629
SU3FSS078	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/16/2005	1465222.67	598049.615
SU3FSS078	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005	1465222.67	598049.615
SU3FSS078	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005	1465222.67	598049.615
SU3FSS078	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005	1465222.67	598049.615
SU3FSS078	Lead-210	1.09	PCI/G	0.70			7.4	03/16/2005	1465222.67	598049.615
SU3FSS078	Plutonium-238	13.50	PCI/G	0.03		J	55	03/16/2005	1465222.67	598049.615
SU3FSS078	Plutonium-239/240	0.17	PCI/G	0.03			62	03/16/2005	1465222.67	598049.615
SU3FSS078	Radium-226	1.45	PCI/G	0.88			2.9	03/16/2005	1465222.67	598049.615
SU3FSS078	Thorium-228	0.78	PCI/G	0.04			2.6	03/16/2005	1465222.67	598049.615
SU3FSS078	Thorium-230	0.66	PCI/G	0.03			2.8	03/16/2005	1465222.67	598049.615
SU3FSS078	Thorium-232	0.54	PCI/G	0.02			2.1	03/16/2005	1465222.67	598049.615
SU3FSS079	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/16/2005	1465237.67	598049.629
SU3FSS079	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1465237.67	598049.629
SU3FSS079	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005	1465237.67	598049.629
SU3FSS079	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005	1465237.67	598049.629
SU3FSS079	Lead-210	1.29	PCI/G	0.59			7.4	03/16/2005	1465237.67	598049.629
SU3FSS079	Plutonium-238	7.85	PCI/G	0.03		J	55	03/16/2005	1465237.67	598049.629
SU3FSS079	Plutonium-239/240	0.09	PCI/G	0.02	J	J	62	03/16/2005	1465237.67	598049.629
SU3FSS079	Radium-226	1.34	PCI/G	0.69			2.9	03/16/2005	1465237.67	598049.629
SU3FSS079	Thorium-228	0.48	PCI/G	0.03			2.6	03/16/2005	1465237.67	598049.629
SU3FSS079	Thorium-230	0.56	PCI/G	0.02			2.8	03/16/2005	1465237.67	598049.629
SU3FSS079	Thorium-232	0.34	PCI/G	0.02			2.1	03/16/2005	1465237.67	598049.629
~~SU3FSS080~~	~~Actinium-227~~	~~0.34~~	~~PCI/G~~	~~0.34~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Americium-241~~	~~0.10~~	~~PCI/G~~	~~0.10~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Cesium-137~~	~~0.16~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Cobalt-60~~	~~0.15~~	~~PCI/G~~	~~0.15~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Lead-210~~	~~2.93~~	~~PCI/G~~	~~0.93~~			~~7.4~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Plutonium-238~~	~~1.60~~	~~PCI/G~~	~~0.03~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Plutonium-239/240~~	~~0.06~~	~~PCI/G~~	~~0.02~~	~~J~~	~~J~~	~~62~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Radium-226~~	~~1.63~~	~~PCI/G~~	~~1.09~~			~~2.9~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Thorium-228~~	~~0.62~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Thorium-230~~	~~0.88~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS080~~	~~Thorium-232~~	~~0.53~~	~~PCI/G~~	~~0.03~~			~~2.1~~	~~03/15/2005~~	~~1465110.17~~	~~598062.605~~
~~SU3FSS081~~	~~Actinium-227~~	~~0.31~~	~~PCI/G~~	~~0.31~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Cesium-137~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~3.8~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Lead-210~~	~~0.80~~	~~PCI/G~~	~~0.80~~	~~U~~		~~7.4~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Plutonium-238~~	~~0.53~~	~~PCI/G~~	~~0.03~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Plutonium-239/240~~	~~0.02~~	~~PCI/G~~	~~0.02~~	~~J~~	~~J~~	~~62~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Radium-226~~	~~1.30~~	~~PCI/G~~	~~0.93~~			~~2.9~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Thorium-228~~	~~0.66~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Thorium-230~~	~~0.82~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS081~~	~~Thorium-232~~	~~0.55~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/15/2005~~	~~1465125.17~~	~~598062.619~~
~~SU3FSS082~~	~~Actinium-227~~	~~0.24~~	~~PCI/G~~	~~0.24~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Cesium-137~~	~~0.57~~	~~PCI/G~~	~~0.57~~	~~U~~		~~3.8~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Lead-210~~	~~1.78~~	~~PCI/G~~	~~0.68~~			~~7.4~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU3FSS082~~	~~Plutonium-238~~	~~0.48~~	~~PCI/G~~	~~0.04~~		~~J~~	~~55~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Plutonium-239/240~~	~~0.08~~	~~PCI/G~~	~~0.03~~	~~J~~	~~J~~	~~62~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Radium-226~~	~~1.11~~	~~PCI/G~~	~~0.75~~			~~2.9~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Thorium-228~~	~~0.35~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Thorium-230~~	~~0.62~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS082~~	~~Thorium-232~~	~~0.30~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/15/2005~~	~~1465140.17~~	~~598062.619~~
~~SU3FSS083~~	~~Actinium-227~~	~~0.27~~	~~PCI/G~~	~~0.27~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Cesium-137~~	~~0.10~~	~~PCI/G~~	~~0.05~~			~~3.8~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Lead-210~~	~~0.88~~	~~PCI/G~~	~~0.76~~			~~7.4~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Plutonium-238~~	~~1.14~~	~~PCI/G~~	~~0.03~~			~~55~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Plutonium-239/240~~	~~0.01~~	~~PCI/G~~	~~0.01~~	~~U~~	~~UJ~~	~~62~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Radium-226~~	~~0.83~~	~~PCI/G~~	~~0.83~~	~~U~~		~~2.9~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Thorium-228~~	~~0.74~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Thorium-230~~	~~0.80~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
~~SU3FSS083~~	~~Thorium-232~~	~~0.76~~	~~PCI/G~~	~~0.04~~			~~2.1~~	~~03/15/2005~~	~~1465155.17~~	~~598062.619~~
SU3FSS084	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/15/2005	1465170.17	598062.619
SU3FSS084	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005	1465170.17	598062.619
SU3FSS084	Cesium-137	0.26	PCI/G	0.05			3.8	03/15/2005	1465170.17	598062.619
SU3FSS084	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465170.17	598062.619
SU3FSS084	Lead-210	1.42	PCI/G	0.69			7.4	03/15/2005	1465170.17	598062.619
SU3FSS084	Plutonium-238	1.39	PCI/G	0.05			55	03/15/2005	1465170.17	598062.619
SU3FSS084	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005	1465170.17	598062.619
SU3FSS084	Radium-226	1.45	PCI/G	0.85			2.9	03/15/2005	1465170.17	598062.619
SU3FSS084	Thorium-228	1.04	PCI/G	0.05			2.6	03/15/2005	1465170.17	598062.619
SU3FSS084	Thorium-230	0.87	PCI/G	0.04			2.8	03/15/2005	1465170.17	598062.619
SU3FSS084	Thorium-232	1.00	PCI/G	0.02			2.1	03/15/2005	1465170.17	598062.619
SU3FSS085	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/15/2005	1465185.17	598062.619
SU3FSS085	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005	1465185.17	598062.619
SU3FSS085	Cesium-137	0.18	PCI/G	0.04			3.8	03/15/2005	1465185.17	598062.619
SU3FSS085	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005	1465185.17	598062.619
SU3FSS085	Lead-210	0.68	PCI/G	0.67			7.4	03/15/2005	1465185.17	598062.619
SU3FSS085	Plutonium-238	0.45	PCI/G	0.04			55	03/15/2005	1465185.17	598062.619
SU3FSS085	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/15/2005	1465185.17	598062.619
SU3FSS085	Radium-226	1.57	PCI/G	0.76			2.9	03/15/2005	1465185.17	598062.619
SU3FSS085	Thorium-228	1.01	PCI/G	0.05			2.6	03/15/2005	1465185.17	598062.619
SU3FSS085	Thorium-230	1.07	PCI/G	0.04			2.8	03/15/2005	1465185.17	598062.619
SU3FSS085	Thorium-232	0.70	PCI/G	0.02			2.1	03/15/2005	1465185.17	598062.619
SU3FSS086	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005	1465200.17	598062.619
SU3FSS086	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005	1465200.17	598062.619
SU3FSS086	Cesium-137	0.12	PCI/G	0.06			3.8	03/15/2005	1465200.17	598062.619
SU3FSS086	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005	1465200.17	598062.619
SU3FSS086	Lead-210	0.95	PCI/G	0.78			7.4	03/15/2005	1465200.17	598062.619
SU3FSS086	Plutonium-238	1.40	PCI/G	0.04			55	03/15/2005	1465200.17	598062.619
SU3FSS086	Plutonium-239/240	0.03	PCI/G	0.01	J	J	62	03/15/2005	1465200.17	598062.619
SU3FSS086	Radium-226	1.12	PCI/G	0.75			2.9	03/15/2005	1465200.17	598062.619
SU3FSS086	Thorium-228	0.77	PCI/G	0.04			2.6	03/15/2005	1465200.17	598062.619
SU3FSS086	Thorium-230	0.97	PCI/G	0.04			2.8	03/15/2005	1465200.17	598062.619
SU3FSS086	Thorium-232	0.68	PCI/G	0.02			2.1	03/15/2005	1465200.17	598062.619
SU3FSS087	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/15/2005	1465215.17	598062.619
SU3FSS087	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005	1465215.17	598062.619
SU3FSS087	Cesium-137	0.15	PCI/G	0.04			3.8	03/15/2005	1465215.17	598062.619
SU3FSS087	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005	1465215.17	598062.619
SU3FSS087	Lead-210	1.47	PCI/G	0.61			7.4	03/15/2005	1465215.17	598062.619
SU3FSS087	Plutonium-238	1.99	PCI/G	0.04			55	03/15/2005	1465215.17	598062.619
SU3FSS087	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/15/2005	1465215.17	598062.619
SU3FSS087	Radium-226	1.48	PCI/G	0.70			2.9	03/15/2005	1465215.17	598062.619
SU3FSS087	Thorium-228	0.66	PCI/G	0.04			2.6	03/15/2005	1465215.17	598062.619
SU3FSS087	Thorium-230	1.01	PCI/G	0.03			2.8	03/15/2005	1465215.17	598062.619
SU3FSS087	Thorium-232	0.66	PCI/G	0.03			2.1	03/15/2005	1465215.17	598062.619
~~SU3FSS088~~	~~Actinium-227~~	~~0.27~~	~~PCI/G~~	~~0.27~~	~~U~~		~~4.6~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Americium-241~~	~~0.12~~	~~PCI/G~~	~~0.07~~			~~63~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Cesium-137~~	~~0.17~~	~~PCI/G~~	~~0.07~~			~~3.8~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
~~SU3FSS088~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Lead-210~~	~~2.10~~	~~PCI/G~~	~~0.71~~			~~7.4~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Plutonium-238~~	~~45.00~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Plutonium-239/240~~	~~0.19~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Radium-226~~	~~1.07~~	~~PCI/G~~	~~0.78~~			~~2.9~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Thorium-228~~	~~1.12~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Thorium-230~~	~~0.83~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS088~~	~~Thorium-232~~	~~0.61~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/15/2005~~	~~1465230.17~~	~~598062.619~~
~~SU3FSS089~~	~~Actinium-227~~	~~0.27~~	~~PCI/G~~	~~0.27~~	~~U~~		~~4.6~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Americium-241~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~63~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Cesium-137~~	~~0.20~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Cobalt-60~~	~~0.08~~	~~PCI/G~~	~~0.08~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Lead-210~~	~~7.52~~	~~PCI/G~~	~~0.88~~			~~7.4~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Plutonium-238~~	~~2.56~~	~~PCI/G~~	~~0.02~~			~~55~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Plutonium-239/240~~	~~0.02~~	~~PCI/G~~	~~0.02~~	~~J~~	~~J~~	~~62~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Radium-226~~	~~1.80~~	~~PCI/G~~	~~0.75~~			~~2.9~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Thorium-228~~	~~0.43~~	~~PCI/G~~	~~0.02~~			~~2.6~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Thorium-230~~	~~0.71~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
~~SU3FSS089~~	~~Thorium-232~~	~~0.44~~	~~PCI/G~~	~~0.01~~			~~2.1~~	~~04/11/2005~~	~~1465245.17~~	~~598062.619~~
SU3FSS090	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/16/2005	1465042.67	597997.667
SU3FSS090	Americium-241	0.06	PCI/G	0.06	U		63	03/16/2005	1465042.67	597997.667
SU3FSS090	Cesium-137	0.06	PCI/G	0.04			3.8	03/16/2005	1465042.67	597997.667
SU3FSS090	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005	1465042.67	597997.667
SU3FSS090	Lead-210	0.93	PCI/G	0.63			7.4	03/16/2005	1465042.67	597997.667
SU3FSS090	Plutonium-238	0.28	PCI/G	0.05			55	03/16/2005	1465042.67	597997.667
SU3FSS090	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005	1465042.67	597997.667
SU3FSS090	Radium-226	0.93	PCI/G	0.70			2.9	03/16/2005	1465042.67	597997.667
SU3FSS090	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005	1465042.67	597997.667
SU3FSS090	Thorium-230	0.86	PCI/G	0.03			2.8	03/16/2005	1465042.67	597997.667
SU3FSS090	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005	1465042.67	597997.667
SU3FSSB1	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005	1465045.716	598031.706
SU3FSSB1	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005	1465045.716	598031.706
SU3FSSB1	Cesium-137	0.28	PCI/G	0.07			3.8	03/15/2005	1465045.716	598031.706
SU3FSSB1	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005	1465045.716	598031.706
SU3FSSB1	Lead-210	0.81	PCI/G	0.81	U		7.4	03/15/2005	1465045.716	598031.706
SU3FSSB1	Plutonium-238	1.00	PCI/G	0.03		J	55	03/15/2005	1465045.716	598031.706
SU3FSSB1	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/15/2005	1465045.716	598031.706
SU3FSSB1	Radium-226	1.53	PCI/G	0.85			2.9	03/15/2005	1465045.716	598031.706
SU3FSSB1	Thorium-228	1.15	PCI/G	0.03			2.6	03/15/2005	1465045.716	598031.706
SU3FSSB1	Thorium-230	1.02	PCI/G	0.02			2.8	03/15/2005	1465045.716	598031.706
SU3FSSB1	Thorium-232	0.99	PCI/G	0.02		J	2.1	03/15/2005	1465045.716	598031.706
~~SU3FSSB2~~	~~Plutonium-238~~	~~54.20~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/15/2005~~	~~1465191.76~~	~~598043.203~~
~~SU3FSSB2~~	~~Plutonium-239/240~~	~~0.61~~	~~PCI/G~~	~~0.01~~			~~62~~	~~03/15/2005~~	~~1465191.76~~	~~598043.203~~
~~SU3FSSB2~~	~~Thorium-228~~	~~3.12~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~03/15/2005~~	~~1465191.76~~	~~598043.203~~
~~SU3FSSB2~~	~~Thorium-230~~	~~6.27~~	~~PCI/G~~	~~0.03~~			~~2.8~~	~~03/15/2005~~	~~1465191.76~~	~~598043.203~~
~~SU3FSSB2~~	~~Thorium-232~~	~~1.66~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/15/2005~~	~~1465191.76~~	~~598043.203~~
SU4FSS001-23 moved to PRS 441										
SU4FSS024	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/16/2005	1464477.256	597865.461
SU4FSS024	Americium-241	0.12	PCI/G	0.12	U		63	03/16/2005	1464477.256	597865.461
SU4FSS024	Cesium-137	0.56	PCI/G	0.09			3.8	03/16/2005	1464477.256	597865.461
SU4FSS024	Cobalt-60	0.07	PCI/G	0.01			0.7	03/16/2005	1464477.256	597865.461
SU4FSS024	Lead-210	2.29	PCI/G	1.10			7.4	03/16/2005	1464477.256	597865.461
SU4FSS024	Plutonium-238	4.08	PCI/G	0.04			55	03/16/2005	1464477.256	597865.461
SU4FSS024	Plutonium-239/240	0.09	PCI/G	0.03	J		62	03/16/2005	1464477.256	597865.461
SU4FSS024	Radium-226	1.26	PCI/G	1.26	U		2.9	03/16/2005	1464477.256	597865.461
SU4FSS024	Thorium-228	0.78	PCI/G	0.03			2.6	03/16/2005	1464477.256	597865.461
SU4FSS024	Thorium-230	0.95	PCI/G	0.03			2.8	03/16/2005	1464477.256	597865.461
SU4FSS024	Thorium-232	0.76	PCI/G	0.03			2.1	03/16/2005	1464477.256	597865.461
SU4FSS025	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/16/2005	1464492.256	597865.461
SU4FSS025	Americium-241	0.10	PCI/G	0.10	U		63	03/16/2005	1464492.256	597865.461
SU4FSS025	Cesium-137	0.36	PCI/G	0.07			3.8	03/16/2005	1464492.256	597865.461
SU4FSS025	Cobalt-60	0.12	PCI/G	0.12	U		0.7	03/16/2005	1464492.256	597865.461
SU4FSS025	Lead-210	1.77	PCI/G	0.97			7.4	03/16/2005	1464492.256	597865.461
SU4FSS025	Plutonium-238	6.69	PCI/G	0.05			55	03/16/2005	1464492.256	597865.461

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS025	Plutonium-239/240	0.10	PCI/G	0.03		J	62	03/16/2005	1464492.256	597865.461
SU4FSS025	Radium-226	2.23	PCI/G	0.96			2.9	03/16/2005	1464492.256	597865.461
SU4FSS025	Thorium-228	0.76	PCI/G	0.05			2.6	03/16/2005	1464492.256	597865.461
SU4FSS025	Thorium-230	1.05	PCI/G	0.03			2.8	03/16/2005	1464492.256	597865.461
SU4FSS025	Thorium-232	0.54	PCI/G	0.03			2.1	03/16/2005	1464492.256	597865.461
SU4FSS026	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/16/2005	1464507.256	597865.461
SU4FSS026	Americium-241	0.13	PCI/G	0.13	U		63	03/16/2005	1464507.256	597865.461
SU4FSS026	Cesium-137	0.39	PCI/G	0.08			3.8	03/16/2005	1464507.256	597865.461
SU4FSS026	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/16/2005	1464507.256	597865.461
SU4FSS026	Lead-210	3.40	PCI/G	1.19			7.4	03/16/2005	1464507.256	597865.461
SU4FSS026	Plutonium-238	1.03	PCI/G	0.03			55	03/16/2005	1464507.256	597865.461
SU4FSS026	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/16/2005	1464507.256	597865.461
SU4FSS026	Radium-226	2.69	PCI/G	1.27			2.9	03/16/2005	1464507.256	597865.461
SU4FSS026	Thorium-228	0.58	PCI/G	0.03			2.6	03/16/2005	1464507.256	597865.461
SU4FSS026	Thorium-230	0.99	PCI/G	0.01			2.8	03/16/2005	1464507.256	597865.461
SU4FSS026	Thorium-232	0.62	PCI/G	0.01			2.1	03/16/2005	1464507.256	597865.461
SU4FSS027	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/16/2005	1464522.256	597865.461
SU4FSS027	Americium-241	0.11	PCI/G	0.11	U		63	03/16/2005	1464522.256	597865.461
SU4FSS027	Cesium-137	0.47	PCI/G	0.08			3.8	03/16/2005	1464522.256	597865.461
SU4FSS027	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005	1464522.256	597865.461
SU4FSS027	Lead-210	2.39	PCI/G	1.00			7.4	03/16/2005	1464522.256	597865.461
SU4FSS027	Plutonium-238	0.93	PCI/G	0.04			55	03/16/2005	1464522.256	597865.461
SU4FSS027	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/16/2005	1464522.256	597865.461
SU4FSS027	Radium-226	2.15	PCI/G	1.19			2.9	03/16/2005	1464522.256	597865.461
SU4FSS027	Thorium-228	0.74	PCI/G	0.04			2.6	03/16/2005	1464522.256	597865.461
SU4FSS027	Thorium-230	0.87	PCI/G	0.03			2.8	03/16/2005	1464522.256	597865.461
SU4FSS027	Thorium-232	0.64	PCI/G	0.03			2.1	03/16/2005	1464522.256	597865.461
~~SU4FSS028~~	~~Actinium-227~~	~~0.48~~	~~PCI/G~~	~~0.48~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Americium-241~~	~~0.11~~	~~PCI/G~~	~~0.11~~	~~U~~		~~63~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Cesium-137~~	~~0.58~~	~~PCI/G~~	~~0.09~~			~~3.8~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Cobalt-60~~	~~0.12~~	~~PCI/G~~	~~0.12~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Lead-210~~	~~3.02~~	~~PCI/G~~	~~1.13~~			~~7.4~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Plutonium-238~~	~~0.97~~	~~PCI/G~~	~~0.05~~			~~55~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Plutonium-239/240~~	~~0.03~~	~~PCI/G~~	~~0.03~~	~~J~~	~~J~~	~~62~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Radium-226~~	~~3.00~~	~~PCI/G~~	~~1.10~~			~~2.9~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Thorium-228~~	~~0.76~~	~~PCI/G~~	~~0.03~~			~~2.6~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Thorium-230~~	~~1.21~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
~~SU4FSS028~~	~~Thorium-232~~	~~0.79~~	~~PCI/G~~	~~0.02~~			~~2.1~~	~~03/16/2005~~	~~1464537.256~~	~~597865.461~~
SU4FSS029	Actinium-227	0.42	PCI/G	0.42	U		4.6	03/16/2005	1464552.256	597865.461
SU4FSS029	Americium-241	0.12	PCI/G	0.12	U		63	03/16/2005	1464552.256	597865.461
SU4FSS029	Cesium-137	0.78	PCI/G	0.09			3.8	03/16/2005	1464552.256	597865.461
SU4FSS029	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005	1464552.256	597865.461
SU4FSS029	Lead-210	5.88	PCI/G	1.16			7.4	03/16/2005	1464552.256	597865.461
SU4FSS029	Plutonium-238	3.98	PCI/G	0.07			55	03/16/2005	1464552.256	597865.461
SU4FSS029	Plutonium-239/240	0.10	PCI/G	0.04	J	J	62	03/16/2005	1464552.256	597865.461
SU4FSS029	Radium-226	2.30	PCI/G	1.19			2.9	03/16/2005	1464552.256	597865.461
SU4FSS029	Thorium-228	0.68	PCI/G	0.02			2.6	03/16/2005	1464552.256	597865.461
SU4FSS029	Thorium-230	1.14	PCI/G	0.03			2.8	03/16/2005	1464552.256	597865.461
SU4FSS029	Thorium-232	0.77	PCI/G	0.02			2.1	03/16/2005	1464552.256	597865.461
SU4FSS030	Actinium-227	0.35	PCI/G	0.35	U		4.6	03/16/2005	1464567.256	597865.461
SU4FSS030	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005	1464567.256	597865.461
SU4FSS030	Cesium-137	0.46	PCI/G	0.07			3.8	03/16/2005	1464567.256	597865.461
SU4FSS030	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005	1464567.256	597865.461
SU4FSS030	Lead-210	2.72	PCI/G	0.88			7.4	03/16/2005	1464567.256	597865.461
SU4FSS030	Plutonium-238	0.57	PCI/G	0.14			55	03/16/2005	1464567.256	597865.461
SU4FSS030	Plutonium-239/240	0.02	PCI/G	0.10	U	UJ	62	03/16/2005	1464567.256	597865.461
SU4FSS030	Radium-226	2.56	PCI/G	1.02			2.9	03/16/2005	1464567.256	597865.461
SU4FSS030	Thorium-228	0.78	PCI/G	0.03		J	2.6	03/16/2005	1464567.256	597865.461
SU4FSS030	Thorium-230	1.24	PCI/G	0.03			2.8	03/16/2005	1464567.256	597865.461
SU4FSS030	Thorium-232	0.75	PCI/G	0.03		J	2.1	03/16/2005	1464567.256	597865.461
SU4FSS031-35 moved to PRS 441										
SU4FSS036	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/16/2005	1464469.756	597878.452
SU4FSS036	Americium-241	0.05	PCI/G	0.05			63	03/16/2005	1464469.756	597878.452
SU4FSS036	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/16/2005	1464469.756	597878.452

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS036	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/16/2005	1464469.756	597878.452
SU4FSS036	Lead-210	0.61	PCI/G	0.47			7.4	03/16/2005	1464469.756	597878.452
SU4FSS036	Plutonium-238	14.80	PCI/G	0.05			55	03/16/2005	1464469.756	597878.452
SU4FSS036	Plutonium-239/240	0.19	PCI/G	0.04			62	03/16/2005	1464469.756	597878.452
SU4FSS036	Radium-226	0.85	PCI/G	0.53			2.9	03/16/2005	1464469.756	597878.452
SU4FSS036	Thorium-228	0.61	PCI/G	0.06		J	2.6	03/16/2005	1464469.756	597878.452
SU4FSS036	Thorium-230	1.02	PCI/G	0.04			2.8	03/16/2005	1464469.756	597878.452
SU4FSS036	Thorium-232	0.43	PCI/G	0.03		J	2.1	03/16/2005	1464469.756	597878.452
SU4FSS037	Actinium-227	0.43	PCI/G	0.43	U		4.6	03/17/2005	1464484.756	597878.452
SU4FSS037	Americium-241	0.10	PCI/G	0.10	U		63	03/17/2005	1464484.756	597878.452
SU4FSS037	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/17/2005	1464484.756	597878.452
SU4FSS037	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464484.756	597878.452
SU4FSS037	Lead-210	1.31	PCI/G	0.84			7.4	03/17/2005	1464484.756	597878.452
SU4FSS037	Plutonium-238	2.70	PCI/G	0.09			55	03/17/2005	1464484.756	597878.452
SU4FSS037	Plutonium-239/240	0.07	PCI/G	0.07	U	U	62	03/17/2005	1464484.756	597878.452
SU4FSS037	Radium-226	2.06	PCI/G	0.93			2.9	03/17/2005	1464484.756	597878.452
SU4FSS037	Thorium-228	0.95	PCI/G	0.04		J	2.6	03/17/2005	1464484.756	597878.452
SU4FSS037	Thorium-230	1.25	PCI/G	0.05			2.8	03/17/2005	1464484.756	597878.452
SU4FSS037	Thorium-232	0.97	PCI/G	0.04		J	2.1	03/17/2005	1464484.756	597878.452
SU4FSS038	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/16/2005	1464499.756	597878.452
SU4FSS038	Americium-241	0.05	PCI/G	0.05			63	03/16/2005	1464499.756	597878.452
SU4FSS038	Cesium-137	0.04	PCI/G	0.03			3.8	03/16/2005	1464499.756	597878.452
SU4FSS038	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005	1464499.756	597878.452
SU4FSS038	Lead-210	0.94	PCI/G	0.52			7.4	03/16/2005	1464499.756	597878.452
SU4FSS038	Plutonium-238	13.90	PCI/G	0.07			55	03/16/2005	1464499.756	597878.452
SU4FSS038	Plutonium-239/240	0.06	PCI/G	0.05	J	J	62	03/16/2005	1464499.756	597878.452
SU4FSS038	Radium-226	1.05	PCI/G	0.58			2.9	03/16/2005	1464499.756	597878.452
SU4FSS038	Thorium-228	0.85	PCI/G	0.06		J	2.6	03/16/2005	1464499.756	597878.452
SU4FSS038	Thorium-230	0.64	PCI/G	0.04			2.8	03/16/2005	1464499.756	597878.452
SU4FSS038	Thorium-232	0.49	PCI/G	0.04		J	2.1	03/16/2005	1464499.756	597878.452
SU4FSS039	Actinium-227	0.16	PCI/G	0.16	U		4.6	03/17/2005	1464514.756	597878.452
SU4FSS039	Americium-241	0.05	PCI/G	0.05	U		63	03/17/2005	1464514.756	597878.452
SU4FSS039	Cesium-137	0.03	PCI/G	0.02			3.8	03/17/2005	1464514.756	597878.452
SU4FSS039	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464514.756	597878.452
SU4FSS039	Lead-210	0.58	PCI/G	0.42			7.4	03/17/2005	1464514.756	597878.452
SU4FSS039	Plutonium-238	12.90	PCI/G	0.07			55	03/17/2005	1464514.756	597878.452
SU4FSS039	Plutonium-239/240	0.12	PCI/G	0.04			62	03/17/2005	1464514.756	597878.452
SU4FSS039	Radium-226	1.19	PCI/G	0.48			2.9	03/17/2005	1464514.756	597878.452
SU4FSS039	Thorium-228	0.41	PCI/G	0.06		J	2.6	03/17/2005	1464514.756	597878.452
SU4FSS039	Thorium-230	0.63	PCI/G	0.03			2.8	03/17/2005	1464514.756	597878.452
SU4FSS039	Thorium-232	0.26	PCI/G	0.05		J	2.1	03/17/2005	1464514.756	597878.452
SU4FSS040	Actinium-227	0.36	PCI/G	0.36	U		4.6	03/16/2005	1464529.756	597878.452
SU4FSS040	Americium-241	0.11	PCI/G	0.11	U		63	03/16/2005	1464529.756	597878.452
SU4FSS040	Cesium-137	0.38	PCI/G	0.08			3.8	03/16/2005	1464529.756	597878.452
SU4FSS040	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005	1464529.756	597878.452
SU4FSS040	Lead-210	2.59	PCI/G	0.97			7.4	03/16/2005	1464529.756	597878.452
SU4FSS040	Plutonium-238	1.22	PCI/G	0.04			55	03/16/2005	1464529.756	597878.452
SU4FSS040	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/16/2005	1464529.756	597878.452
SU4FSS040	Radium-226	2.31	PCI/G	1.13			2.9	03/16/2005	1464529.756	597878.452
SU4FSS040	Thorium-228	0.74	PCI/G	0.05		J	2.6	03/16/2005	1464529.756	597878.452
SU4FSS040	Thorium-230	0.98	PCI/G	0.03			2.8	03/16/2005	1464529.756	597878.452
SU4FSS040	Thorium-232	0.63	PCI/G	0.02		J	2.1	03/16/2005	1464529.756	597878.452
~~SU4FSS041~~	~~Actinium-227~~	~~0.52~~	~~PCI/G~~	~~0.52~~	~~U~~		~~4.6~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Americium-241~~	~~0.19~~	~~PCI/G~~	~~0.13~~			~~63~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Cesium-137~~	~~0.04~~	~~PCI/G~~	~~0.04~~	~~U~~		~~3.8~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Cobalt-60~~	~~0.06~~	~~PCI/G~~	~~0.06~~	~~U~~		~~0.7~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Lead-210~~	~~1.35~~	~~PCI/G~~	~~1.08~~			~~7.4~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Plutonium-238~~	~~82.30~~	~~PCI/G~~	~~0.05~~			~~55~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Plutonium-239/240~~	~~0.32~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Radium-226~~	~~2.06~~	~~PCI/G~~	~~1.14~~			~~2.9~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Thorium-228~~	~~1.09~~	~~PCI/G~~	~~0.05~~		~~J~~	~~2.6~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Thorium-230~~	~~1.41~~	~~PCI/G~~	~~0.04~~			~~2.8~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
~~SU4FSS041~~	~~Thorium-232~~	~~0.79~~	~~PCI/G~~	~~0.02~~		~~J~~	~~2.1~~	~~03/17/2005~~	~~1464544.756~~	~~597878.452~~
SU4FSS042	Actinium-227	0.29	PCI/G	0.29	U		4.6	04/11/2005	1464559.756	597878.452

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS042	Americium-241	0.08	PCI/G	0.08	U		63	04/11/2005	1464559.756	597878.452
SU4FSS042	Cesium-137	0.06	PCI/G	0.06	U		3.8	04/11/2005	1464559.756	597878.452
SU4FSS042	Cobalt-60	0.06	PCI/G	0.06	U		0.7	04/11/2005	1464559.756	597878.452
SU4FSS042	Lead-210	1.38	PCI/G	0.70			7.4	04/11/2005	1464559.756	597878.452
SU4FSS042	Plutonium-238	1.49	PCI/G	0.02			55	04/11/2005	1464559.756	597878.452
SU4FSS042	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	04/11/2005	1464559.756	597878.452
SU4FSS042	Radium-226	1.90	PCI/G	0.82			2.9	04/11/2005	1464559.756	597878.452
SU4FSS042	Thorium-228	0.95	PCI/G	0.05			2.6	04/11/2005	1464559.756	597878.452
SU4FSS042	Thorium-230	1.33	PCI/G	0.03			2.8	04/11/2005	1464559.756	597878.452
SU4FSS042	Thorium-232	0.86	PCI/G	0.03			2.1	04/11/2005	1464559.756	597878.452
SU4FSS043	Actinium-227	0.40	PCI/G	0.40	U		4.6	03/17/2005	1464574.756	597878.452
SU4FSS043	Americium-241	0.09	PCI/G	0.09	U		63	03/17/2005	1464574.756	597878.452
SU4FSS043	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/17/2005	1464574.756	597878.452
SU4FSS043	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/17/2005	1464574.756	597878.452
SU4FSS043	Lead-210	1.22	PCI/G	0.80			7.4	03/17/2005	1464574.756	597878.452
SU4FSS043	Plutonium-238	2.23	PCI/G	0.04			55	03/17/2005	1464574.756	597878.452
SU4FSS043	Plutonium-239/240	0.01	PCI/G	0.01	U	UJ	62	03/17/2005	1464574.756	597878.452
SU4FSS043	Radium-226	2.86	PCI/G	0.85			2.9	03/17/2005	1464574.756	597878.452
SU4FSS043	Thorium-228	0.46	PCI/G	0.08		J	2.6	03/17/2005	1464574.756	597878.452
SU4FSS043	Thorium-230	0.84	PCI/G	0.03			2.8	03/17/2005	1464574.756	597878.452
SU4FSS043	Thorium-232	0.39	PCI/G	0.05		J	2.1	03/17/2005	1464574.756	597878.452
SU4FSS044	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/16/2005	1464589.756	597878.452
SU4FSS044	Americium-241	0.41	PCI/G	0.08			63	03/16/2005	1464589.756	597878.452
SU4FSS044	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005	1464589.756	597878.452
SU4FSS044	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005	1464589.756	597878.452
SU4FSS044	Lead-210	1.50	PCI/G	0.56			7.4	03/16/2005	1464589.756	597878.452
SU4FSS044	Plutonium-238	30.60	PCI/G	0.04			55	03/16/2005	1464589.756	597878.452
SU4FSS044	Plutonium-239/240	0.13	PCI/G	0.02			62	03/16/2005	1464589.756	597878.452
SU4FSS044	Radium-226	1.21	PCI/G	0.63			2.9	03/16/2005	1464589.756	597878.452
SU4FSS044	Thorium-228	0.43	PCI/G	0.22		J	2.6	03/16/2005	1464589.756	597878.452
SU4FSS044	Thorium-230	0.54	PCI/G	0.10			2.8	03/16/2005	1464589.756	597878.452
SU4FSS044	Thorium-232	0.49	PCI/G	0.11			2.1	03/16/2005	1464589.756	597878.452
SU4FSS045	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/17/2005	1464604.756	597878.452
SU4FSS045	Americium-241	0.05	PCI/G	0.05	U		63	03/17/2005	1464604.756	597878.452
SU4FSS045	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005	1464604.756	597878.452
SU4FSS045	Cobalt-60	0.03	PCI/G	0.03	U		0.7	03/17/2005	1464604.756	597878.452
SU4FSS045	Lead-210	0.78	PCI/G	0.49			7.4	03/17/2005	1464604.756	597878.452
SU4FSS045	Plutonium-238	14.50	PCI/G	0.04			55	03/17/2005	1464604.756	597878.452
SU4FSS045	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	03/17/2005	1464604.756	597878.452
SU4FSS045	Radium-226	0.63	PCI/G	0.63	U		2.9	03/17/2005	1464604.756	597878.452
SU4FSS045	Thorium-228	0.58	PCI/G	0.07		J	2.6	03/17/2005	1464604.756	597878.452
SU4FSS045	Thorium-230	0.85	PCI/G	0.05			2.8	03/17/2005	1464604.756	597878.452
SU4FSS045	Thorium-232	0.23	PCI/G	0.04		J	2.1	03/17/2005	1464604.756	597878.452
SU4FSS046	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/17/2005	1464619.756	597878.452
SU4FSS046	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005	1464619.756	597878.452
SU4FSS046	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/17/2005	1464619.756	597878.452
SU4FSS046	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1464619.756	597878.452
SU4FSS046	Lead-210	1.21	PCI/G	0.59			7.4	03/17/2005	1464619.756	597878.452
SU4FSS046	Plutonium-238	0.04	PCI/G	0.04	U	U	55	03/17/2005	1464619.756	597878.452
SU4FSS046	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005	1464619.756	597878.452
SU4FSS046	Radium-226	1.44	PCI/G	0.73			2.9	03/17/2005	1464619.756	597878.452
SU4FSS046	Thorium-228	0.60	PCI/G	0.07			2.6	03/17/2005	1464619.756	597878.452
SU4FSS046	Thorium-230	1.19	PCI/G	0.03			2.8	03/17/2005	1464619.756	597878.452
SU4FSS046	Thorium-232	0.56	PCI/G	0.02			2.1	03/17/2005	1464619.756	597878.452
SU4FSS047	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/17/2005	1464634.756	597878.452
SU4FSS047	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464634.756	597878.452
SU4FSS047	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005	1464634.756	597878.452
SU4FSS047	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1464634.756	597878.452
SU4FSS047	Lead-210	0.61	PCI/G	0.60			7.4	03/17/2005	1464634.756	597878.452
SU4FSS047	Plutonium-238	0.14	PCI/G	0.07		J	55	03/17/2005	1464634.756	597878.452
SU4FSS047	Plutonium-239/240	0.01	PCI/G	0.04	U	UJ	62	03/17/2005	1464634.756	597878.452
SU4FSS047	Radium-226	1.73	PCI/G	0.63			2.9	03/17/2005	1464634.756	597878.452
SU4FSS047	Thorium-228	0.51	PCI/G	0.07		J	2.6	03/17/2005	1464634.756	597878.452
SU4FSS047	Thorium-230	1.21	PCI/G	0.03			2.8	03/17/2005	1464634.756	597878.452
SU4FSS047	Thorium-232	0.34	PCI/G	0.05		J	2.1	03/17/2005	1464634.756	597878.452

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS048	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/16/2005	1464522.256	597891.442
SU4FSS048	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1464522.256	597891.442
SU4FSS048	Cesium-137	0.40	PCI/G	0.06			3.8	03/16/2005	1464522.256	597891.442
SU4FSS048	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005	1464522.256	597891.442
SU4FSS048	Lead-210	1.49	PCI/G	0.83			7.4	03/16/2005	1464522.256	597891.442
SU4FSS048	Plutonium-238	1.02	PCI/G	0.04			55	03/16/2005	1464522.256	597891.442
SU4FSS048	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/16/2005	1464522.256	597891.442
SU4FSS048	Radium-226	2.10	PCI/G	0.85			2.9	03/16/2005	1464522.256	597891.442
SU4FSS048	Thorium-228	1.14	PCI/G	0.06		J	2.6	03/16/2005	1464522.256	597891.442
SU4FSS048	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005	1464522.256	597891.442
SU4FSS048	Thorium-232	1.38	PCI/G	0.04		J	2.1	03/16/2005	1464522.256	597891.442
SU4FSS049	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/16/2005	1464537.256	597891.442
SU4FSS049	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464537.256	597891.442
SU4FSS049	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005	1464537.256	597891.442
SU4FSS049	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/16/2005	1464537.256	597891.442
SU4FSS049	Lead-210	1.33	PCI/G	0.72			7.4	03/16/2005	1464537.256	597891.442
SU4FSS049	Plutonium-238	3.42	PCI/G	0.04			55	03/16/2005	1464537.256	597891.442
SU4FSS049	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005	1464537.256	597891.442
SU4FSS049	Radium-226	0.98	PCI/G	0.75			2.9	03/16/2005	1464537.256	597891.442
SU4FSS049	Thorium-228	0.43	PCI/G	0.20		J	2.6	03/16/2005	1464537.256	597891.442
SU4FSS049	Thorium-230	0.85	PCI/G	0.09			2.8	03/16/2005	1464537.256	597891.442
SU4FSS049	Thorium-232	0.59	PCI/G	0.11		J	2.1	03/16/2005	1464537.256	597891.442
~~SU4FSS050~~	~~Actinium-227~~	~~0.33~~	~~PCI/G~~	~~0.33~~	~~U~~		~~4.6~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Americium-241~~	~~0.26~~	~~PCI/G~~	~~0.08~~			~~63~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Cesium-137~~	~~0.22~~	~~PCI/G~~	~~0.06~~			~~3.8~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Cobalt-60~~	~~0.07~~	~~PCI/G~~	~~0.07~~	~~U~~		~~0.7~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Lead-210~~	~~1.17~~	~~PCI/G~~	~~0.74~~			~~7.4~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Plutonium-238~~	~~67.60~~	~~PCI/G~~	~~0.03~~			~~55~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Plutonium-239/240~~	~~0.36~~	~~PCI/G~~	~~0.02~~			~~62~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Radium-226~~	~~1.62~~	~~PCI/G~~	~~0.74~~			~~2.9~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Thorium-228~~	~~1.08~~	~~PCI/G~~	~~0.16~~		~~J~~	~~2.6~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Thorium-230~~	~~0.73~~	~~PCI/G~~	~~0.08~~			~~2.8~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
~~SU4FSS050~~	~~Thorium-232~~	~~0.72~~	~~PCI/G~~	~~0.04~~		~~J~~	~~2.1~~	~~03/16/2005~~	~~1464552.256~~	~~597891.442~~
SU4FSS051	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/16/2005	1464567.256	597891.442
SU4FSS051	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464567.256	597891.442
SU4FSS051	Cesium-137	0.22	PCI/G	0.04			3.8	03/16/2005	1464567.256	597891.442
SU4FSS051	Cobalt-60	0.04	PCI/G	0.04			0.7	03/16/2005	1464567.256	597891.442
SU4FSS051	Lead-210	1.31	PCI/G	0.61			7.4	03/16/2005	1464567.256	597891.442
SU4FSS051	Plutonium-238	1.55	PCI/G	0.04			55	03/16/2005	1464567.256	597891.442
SU4FSS051	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005	1464567.256	597891.442
SU4FSS051	Radium-226	1.22	PCI/G	0.73			2.9	03/16/2005	1464567.256	597891.442
SU4FSS051	Thorium-228	0.60	PCI/G	0.10		J	2.6	03/16/2005	1464567.256	597891.442
SU4FSS051	Thorium-230	0.99	PCI/G	0.04			2.8	03/16/2005	1464567.256	597891.442
SU4FSS051	Thorium-232	0.57	PCI/G	0.05		J	2.1	03/16/2005	1464567.256	597891.442
SU4FSS052	Actinium-227	0.35	PCI/G	0.35	U		4.6	04/11/2005	1464582.256	597891.442
SU4FSS052	Americium-241	0.09	PCI/G	0.09	U		63	04/11/2005	1464582.256	597891.442
SU4FSS052	Cesium-137	0.07	PCI/G	0.07	U		3.8	04/11/2005	1464582.256	597891.442
SU4FSS052	Cobalt-60	0.12	PCI/G	0.12	U		0.7	04/11/2005	1464582.256	597891.442
SU4FSS052	Lead-210	1.11	PCI/G	0.88			7.4	04/11/2005	1464582.256	597891.442
SU4FSS052	Plutonium-238	9.37	PCI/G	0.03			55	04/11/2005	1464582.256	597891.442
SU4FSS052	Plutonium-239/240	0.03	PCI/G	0.01	J	J	62	04/11/2005	1464582.256	597891.442
SU4FSS052	Radium-226	1.36	PCI/G	1.08			2.9	04/11/2005	1464582.256	597891.442
SU4FSS052	Thorium-228	0.97	PCI/G	0.05			2.6	04/11/2005	1464582.256	597891.442
SU4FSS052	Thorium-230	0.94	PCI/G	0.03			2.8	04/11/2005	1464582.256	597891.442
SU4FSS052	Thorium-232	1.03	PCI/G	0.03			2.1	04/11/2005	1464582.256	597891.442
SU4FSS053	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005	1464597.256	597891.442
SU4FSS053	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1464597.256	597891.442
SU4FSS053	Cesium-137	0.10	PCI/G	0.06			3.8	03/16/2005	1464597.256	597891.442
SU4FSS053	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005	1464597.256	597891.442
SU4FSS053	Lead-210	0.79	PCI/G	0.76			7.4	03/16/2005	1464597.256	597891.442
SU4FSS053	Plutonium-238	2.96	PCI/G	0.05			55	03/16/2005	1464597.256	597891.442
SU4FSS053	Plutonium-239/240	0.01	PCI/G	0.04	U	UJ	62	03/16/2005	1464597.256	597891.442
SU4FSS053	Radium-226	1.22	PCI/G	0.70			2.9	03/16/2005	1464597.256	597891.442
SU4FSS053	Thorium-228	1.01	PCI/G	0.12		J	2.6	03/16/2005	1464597.256	597891.442

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS053	Thorium-230	0.81	PCI/G	0.10			2.8	03/16/2005	1464597.256	597891.442
SU4FSS053	Thorium-232	0.91	PCI/G	0.09		J	2.1	03/16/2005	1464597.256	597891.442
SU4FSS054	Actinium-227	0.36	PCI/G	0.36	U		4.6	03/17/2005	1464612.256	597891.442
SU4FSS054	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464612.256	597891.442
SU4FSS054	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/17/2005	1464612.256	597891.442
SU4FSS054	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/17/2005	1464612.256	597891.442
SU4FSS054	Lead-210	1.13	PCI/G	0.71			7.4	03/17/2005	1464612.256	597891.442
SU4FSS054	Plutonium-238	3.33	PCI/G	0.04			55	03/17/2005	1464612.256	597891.442
SU4FSS054	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/17/2005	1464612.256	597891.442
SU4FSS054	Radium-226	1.69	PCI/G	0.73			2.9	03/17/2005	1464612.256	597891.442
SU4FSS054	Thorium-228	0.46	PCI/G	0.05		J	2.6	03/17/2005	1464612.256	597891.442
SU4FSS054	Thorium-230	0.74	PCI/G	0.04			2.8	03/17/2005	1464612.256	597891.442
SU4FSS054	Thorium-232	0.45	PCI/G	0.03		J	2.1	03/17/2005	1464612.256	597891.442
SU4FSS055	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/17/2005	1464627.256	597891.442
SU4FSS055	Americium-241	0.11	PCI/G	0.07			63	03/17/2005	1464627.256	597891.442
SU4FSS055	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005	1464627.256	597891.442
SU4FSS055	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464627.256	597891.442
SU4FSS055	Lead-210	0.69	PCI/G	0.56			7.4	03/17/2005	1464627.256	597891.442
SU4FSS055	Plutonium-238	35.80	PCI/G	0.05			55	03/17/2005	1464627.256	597891.442
SU4FSS055	Plutonium-239/240	0.13	PCI/G	0.03			62	03/17/2005	1464627.256	597891.442
SU4FSS055	Radium-226	0.81	PCI/G	0.63			2.9	03/17/2005	1464627.256	597891.442
SU4FSS055	Thorium-228	1.06	PCI/G	0.05		J	2.6	03/17/2005	1464627.256	597891.442
SU4FSS055	Thorium-230	0.83	PCI/G	0.03			2.8	03/17/2005	1464627.256	597891.442
SU4FSS055	Thorium-232	0.52	PCI/G	0.02		J	2.1	03/17/2005	1464627.256	597891.442
SU4FSS056	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/16/2005	1464642.256	597891.442
SU4FSS056	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464642.256	597891.442
SU4FSS056	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005	1464642.256	597891.442
SU4FSS056	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/16/2005	1464642.256	597891.442
SU4FSS056	Lead-210	0.90	PCI/G	0.55			7.4	03/16/2005	1464642.256	597891.442
SU4FSS056	Plutonium-238	3.23	PCI/G	0.05			55	03/16/2005	1464642.256	597891.442
SU4FSS056	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/16/2005	1464642.256	597891.442
SU4FSS056	Radium-226	2.05	PCI/G	0.59			2.9	03/16/2005	1464642.256	597891.442
SU4FSS056	Thorium-228	0.61	PCI/G	0.07		J	2.6	03/16/2005	1464642.256	597891.442
SU4FSS056	Thorium-230	0.87	PCI/G	0.04			2.8	03/16/2005	1464642.256	597891.442
SU4FSS056	Thorium-232	0.46	PCI/G	0.03		J	2.1	03/16/2005	1464642.256	597891.442
SU4FSS057	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/17/2005	1464717.256	597891.442
SU4FSS057	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464717.256	597891.442
SU4FSS057	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005	1464717.256	597891.442
SU4FSS057	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464717.256	597891.442
SU4FSS057	Lead-210	0.66	PCI/G	0.66	U		7.4	03/17/2005	1464717.256	597891.442
SU4FSS057	Plutonium-238	0.26	PCI/G	0.03			55	03/17/2005	1464717.256	597891.442
SU4FSS057	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/17/2005	1464717.256	597891.442
SU4FSS057	Radium-226	0.93	PCI/G	0.62			2.9	03/17/2005	1464717.256	597891.442
SU4FSS057	Thorium-228	0.64	PCI/G	0.03			2.6	03/17/2005	1464717.256	597891.442
SU4FSS057	Thorium-230	0.74	PCI/G	0.03			2.8	03/17/2005	1464717.256	597891.442
SU4FSS057	Thorium-232	0.75	PCI/G	0.03			2.1	03/17/2005	1464717.256	597891.442
SU4FSS058	Actinium-227	0.36	PCI/G	0.36	U		4.6	03/16/2005	1464619.756	597904.478
SU4FSS058	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005	1464619.756	597904.478
SU4FSS058	Cesium-137	0.08	PCI/G	0.06			3.8	03/16/2005	1464619.756	597904.478
SU4FSS058	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005	1464619.756	597904.478
SU4FSS058	Lead-210	1.38	PCI/G	0.70			7.4	03/16/2005	1464619.756	597904.478
SU4FSS058	Plutonium-238	0.23	PCI/G	0.04			55	03/16/2005	1464619.756	597904.478
SU4FSS058	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/16/2005	1464619.756	597904.478
SU4FSS058	Radium-226	1.79	PCI/G	0.89			2.9	03/16/2005	1464619.756	597904.478
SU4FSS058	Thorium-228	1.03	PCI/G	0.03			2.6	03/16/2005	1464619.756	597904.478
SU4FSS058	Thorium-230	0.97	PCI/G	0.04			2.8	03/16/2005	1464619.756	597904.478
SU4FSS058	Thorium-232	0.92	PCI/G	0.03			2.1	03/16/2005	1464619.756	597904.478
SU4FSS059	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/16/2005	1464634.756	597904.478
SU4FSS059	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005	1464634.756	597904.478
SU4FSS059	Cesium-137	0.29	PCI/G	0.04			3.8	03/16/2005	1464634.756	597904.478
SU4FSS059	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005	1464634.756	597904.478
SU4FSS059	Lead-210	0.71	PCI/G	0.71	U		7.4	03/16/2005	1464634.756	597904.478
SU4FSS059	Plutonium-238	0.93	PCI/G	0.09			55	03/16/2005	1464634.756	597904.478
SU4FSS059	Plutonium-239/240	0.03	PCI/G	0.07	U	UJ	62	03/16/2005	1464634.756	597904.478

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS059	Radium-226	1.19	PCI/G	0.72			2.9	03/16/2005	1464634.756	597904.478
SU4FSS059	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005	1464634.756	597904.478
SU4FSS059	Thorium-230	0.83	PCI/G	0.02			2.8	03/16/2005	1464634.756	597904.478
SU4FSS059	Thorium-232	0.56	PCI/G	0.03			2.1	03/16/2005	1464634.756	597904.478
SU4FSS060	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/17/2005	1464649.756	597904.478
SU4FSS060	Americium-241	0.12	PCI/G	0.07			63	03/17/2005	1464649.756	597904.478
SU4FSS060	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005	1464649.756	597904.478
SU4FSS060	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464649.756	597904.478
SU4FSS060	Lead-210	0.69	PCI/G	0.69	U		7.4	03/17/2005	1464649.756	597904.478
SU4FSS060	Plutonium-238	32.10	PCI/G	0.07			55	03/17/2005	1464649.756	597904.478
SU4FSS060	Plutonium-239/240	0.42	PCI/G	0.04			62	03/17/2005	1464649.756	597904.478
SU4FSS060	Radium-226	1.49	PCI/G	0.70			2.9	03/17/2005	1464649.756	597904.478
SU4FSS060	Thorium-228	0.98	PCI/G	0.05			2.6	03/17/2005	1464649.756	597904.478
SU4FSS060	Thorium-230	0.64	PCI/G	0.02			2.8	03/17/2005	1464649.756	597904.478
SU4FSS060	Thorium-232	0.61	PCI/G	0.04			2.1	03/17/2005	1464649.756	597904.478
SU4FSS061	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/17/2005	1464709.756	597904.478
SU4FSS061	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464709.756	597904.478
SU4FSS061	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005	1464709.756	597904.478
SU4FSS061	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464709.756	597904.478
SU4FSS061	Lead-210	1.96	PCI/G	0.71			7.4	03/17/2005	1464709.756	597904.478
SU4FSS061	Plutonium-238	11.40	PCI/G	0.06			55	03/17/2005	1464709.756	597904.478
SU4FSS061	Plutonium-239/240	0.13	PCI/G	0.04			62	03/17/2005	1464709.756	597904.478
SU4FSS061	Radium-226	1.02	PCI/G	0.76			2.9	03/17/2005	1464709.756	597904.478
SU4FSS061	Thorium-228	0.85	PCI/G	0.05			2.6	03/17/2005	1464709.756	597904.478
SU4FSS061	Thorium-230	1.13	PCI/G	0.03			2.8	03/17/2005	1464709.756	597904.478
SU4FSS061	Thorium-232	0.70	PCI/G	0.03			2.1	03/17/2005	1464709.756	597904.478
SU4FSS062	Actinium-227	0.42	PCI/G	0.42	U		4.6	03/17/2005	1464724.756	597904.478
SU4FSS062	Americium-241	0.11	PCI/G	0.11	U		63	03/17/2005	1464724.756	597904.478
SU4FSS062	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/17/2005	1464724.756	597904.478
SU4FSS062	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/17/2005	1464724.756	597904.478
SU4FSS062	Lead-210	1.76	PCI/G	1.07			7.4	03/17/2005	1464724.756	597904.478
SU4FSS062	Plutonium-238	20.80	PCI/G	0.04			55	03/17/2005	1464724.756	597904.478
SU4FSS062	Plutonium-239/240	0.29	PCI/G	0.02			62	03/17/2005	1464724.756	597904.478
SU4FSS062	Radium-226	1.56	PCI/G	1.10			2.9	03/17/2005	1464724.756	597904.478
SU4FSS062	Thorium-228	1.42	PCI/G	0.05			2.6	03/17/2005	1464724.756	597904.478
SU4FSS062	Thorium-230	1.22	PCI/G	0.03			2.8	03/17/2005	1464724.756	597904.478
SU4FSS062	Thorium-232	0.94	PCI/G	0.03			2.1	03/17/2005	1464724.756	597904.478
SU4FSS063	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/17/2005	1464739.756	597904.478
SU4FSS063	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464739.756	597904.478
SU4FSS063	Cesium-137	0.34	PCI/G	0.05			3.8	03/17/2005	1464739.756	597904.478
SU4FSS063	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464739.756	597904.478
SU4FSS063	Lead-210	1.71	PCI/G	0.86			7.4	03/17/2005	1464739.756	597904.478
SU4FSS063	Plutonium-238	0.79	PCI/G	0.04			55	03/17/2005	1464739.756	597904.478
SU4FSS063	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/17/2005	1464739.756	597904.478
SU4FSS063	Radium-226	1.25	PCI/G	0.79			2.9	03/17/2005	1464739.756	597904.478
SU4FSS063	Thorium-228	1.09	PCI/G	0.04			2.6	03/17/2005	1464739.756	597904.478
SU4FSS063	Thorium-230	1.05	PCI/G	0.02			2.8	03/17/2005	1464739.756	597904.478
SU4FSS063	Thorium-232	1.14	PCI/G	0.02			2.1	03/17/2005	1464739.756	597904.478
SU4FSS064	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/17/2005	1464702.256	597917.423
SU4FSS064	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464702.256	597917.423
SU4FSS064	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005	1464702.256	597917.423
SU4FSS064	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464702.256	597917.423
SU4FSS064	Lead-210	1.36	PCI/G	0.73			7.4	03/17/2005	1464702.256	597917.423
SU4FSS064	Plutonium-238	0.14	PCI/G	0.04			55	03/17/2005	1464702.256	597917.423
SU4FSS064	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/17/2005	1464702.256	597917.423
SU4FSS064	Radium-226	2.36	PCI/G	0.84			2.9	03/17/2005	1464702.256	597917.423
SU4FSS064	Thorium-228	0.57	PCI/G	0.03			2.6	03/17/2005	1464702.256	597917.423
SU4FSS064	Thorium-230	1.01	PCI/G	0.02			2.8	03/17/2005	1464702.256	597917.423
SU4FSS064	Thorium-232	0.54	PCI/G	0.01			2.1	03/17/2005	1464702.256	597917.423
SU4FSS065	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/17/2005	1464717.256	597917.423
SU4FSS065	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464717.256	597917.423
SU4FSS065	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005	1464717.256	597917.423
SU4FSS065	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1464717.256	597917.423
SU4FSS065	Lead-210	2.28	PCI/G	0.77			7.4	03/17/2005	1464717.256	597917.423

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS065	Plutonium-238	24.30	PCI/G	0.04			55	03/17/2005	1464717.256	597917.423
SU4FSS065	Plutonium-239/240	0.49	PCI/G	0.03			62	03/17/2005	1464717.256	597917.423
SU4FSS065	Radium-226	1.31	PCI/G	0.82			2.9	03/17/2005	1464717.256	597917.423
SU4FSS065	Thorium-228	1.42	PCI/G	0.05			2.6	03/17/2005	1464717.256	597917.423
SU4FSS065	Thorium-230	1.06	PCI/G	0.02			2.8	03/17/2005	1464717.256	597917.423
SU4FSS065	Thorium-232	0.85	PCI/G	0.03			2.1	03/17/2005	1464717.256	597917.423
SU4FSS066	Actinium-227	0.78	PCI/G	0.78	U		4.6	03/17/2005	1464732.256	597917.423
SU4FSS066	Americium-241	0.24	PCI/G	0.19			63	03/17/2005	1464732.256	597917.423
SU4FSS066	Cesium-137	0.13	PCI/G	0.13	U		3.8	03/17/2005	1464732.256	597917.423
SU4FSS066	Cobalt-60	0.12	PCI/G	0.12	U		0.7	03/17/2005	1464732.256	597917.423
SU4FSS066	Lead-210	5.61	PCI/G	1.79			7.4	03/17/2005	1464732.256	597917.423
SU4FSS066	Plutonium-238	44.90	PCI/G	0.04			55	03/17/2005	1464732.256	597917.423
SU4FSS066	Plutonium-239/240	0.84	PCI/G	0.03			62	03/17/2005	1464732.256	597917.423
SU4FSS066	Radium-226	3.90	PCI/G	1.63			2.9	03/17/2005	1464732.256	597917.423
SU4FSS066	Thorium-228	2.43	PCI/G	0.04			2.6	03/17/2005	1464732.256	597917.423
SU4FSS066	Thorium-230	1.26	PCI/G	0.03			2.8	03/17/2005	1464732.256	597917.423
SU4FSS066	Thorium-232	1.43	PCI/G	0.03			2.1	03/17/2005	1464732.256	597917.423
~~SU4FSS067~~	~~Actinium-227~~	~~0.77~~	~~PCI/G~~	~~0.77~~	~~U~~		~~4.6~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Americium-241~~	~~0.26~~	~~PCI/G~~	~~0.18~~			~~63~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Cesium-137~~	~~0.15~~	~~PCI/G~~	~~0.12~~			~~3.8~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Cobalt-60~~	~~0.15~~	~~PCI/G~~	~~0.15~~	~~U~~		~~0.7~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Lead-210~~	~~5.33~~	~~PCI/G~~	~~1.62~~			~~7.4~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Plutonium-238~~	~~37.20~~	~~PCI/G~~	~~0.04~~			~~55~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Plutonium-239/240~~	~~0.41~~	~~PCI/G~~	~~0.03~~			~~62~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Radium-226~~	~~3.91~~	~~PCI/G~~	~~1.78~~			~~2.9~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Thorium-228~~	~~1.95~~	~~PCI/G~~	~~0.04~~			~~2.6~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Thorium-230~~	~~1.35~~	~~PCI/G~~	~~0.02~~			~~2.8~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
~~SU4FSS067~~	~~Thorium-232~~	~~1.19~~	~~PCI/G~~	~~0.03~~			~~2.1~~	~~03/17/2005~~	~~1464747.256~~	~~597917.423~~
SU4FSS068	Actinium-227	0.25	PCI/G	0.25	U		4.6	04/11/2005	1464762.256	597917.423
SU4FSS068	Americium-241	0.08	PCI/G	0.08	U		63	04/11/2005	1464762.256	597917.423
SU4FSS068	Cesium-137	0.45	PCI/G	0.06			3.8	04/11/2005	1464762.256	597917.423
SU4FSS068	Cobalt-60	0.12	PCI/G	0.12	U		0.7	04/11/2005	1464762.256	597917.423
SU4FSS068	Lead-210	3.05	PCI/G	0.73			7.4	04/11/2005	1464762.256	597917.423
SU4FSS068	Plutonium-238	17.30	PCI/G	0.02			55	04/11/2005	1464762.256	597917.423
SU4FSS068	Plutonium-239/240	0.06	PCI/G	0.01	J		62	04/11/2005	1464762.256	597917.423
SU4FSS068	Radium-226	1.06	PCI/G	0.84			2.9	04/11/2005	1464762.256	597917.423
SU4FSS068	Thorium-228	0.82	PCI/G	0.04			2.6	04/11/2005	1464762.256	597917.423
SU4FSS068	Thorium-230	0.85	PCI/G	0.01			2.8	04/11/2005	1464762.256	597917.423
SU4FSS068	Thorium-232	0.81	PCI/G	0.02			2.1	04/11/2005	1464762.256	597917.423
SU4FSS069	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/17/2005	1464777.256	597917.423
SU4FSS069	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464777.256	597917.423
SU4FSS069	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005	1464777.256	597917.423
SU4FSS069	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464777.256	597917.423
SU4FSS069	Lead-210	2.90	PCI/G	0.61			7.4	03/17/2005	1464777.256	597917.423
SU4FSS069	Plutonium-238	1.07	PCI/G	0.03			55	03/17/2005	1464777.256	597917.423
SU4FSS069	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/17/2005	1464777.256	597917.423
SU4FSS069	Radium-226	0.92	PCI/G	0.72			2.9	03/17/2005	1464777.256	597917.423
SU4FSS069	Thorium-228	0.47	PCI/G	0.03			2.6	03/17/2005	1464777.256	597917.423
SU4FSS069	Thorium-230	0.84	PCI/G	0.03			2.8	03/17/2005	1464777.256	597917.423
SU4FSS069	Thorium-232	0.52	PCI/G	0.01			2.1	03/17/2005	1464777.256	597917.423
SU4FSS070	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/17/2005	1464709.756	597930.413
SU4FSS070	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464709.756	597930.413
SU4FSS070	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005	1464709.756	597930.413
SU4FSS070	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464709.756	597930.413
SU4FSS070	Lead-210	0.78	PCI/G	0.61			7.4	03/17/2005	1464709.756	597930.413
SU4FSS070	Plutonium-238	0.28	PCI/G	0.04			55	03/17/2005	1464709.756	597930.413
SU4FSS070	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005	1464709.756	597930.413
SU4FSS070	Radium-226	1.45	PCI/G	0.66			2.9	03/17/2005	1464709.756	597930.413
SU4FSS070	Thorium-228	0.49	PCI/G	0.03			2.6	03/17/2005	1464709.756	597930.413
SU4FSS070	Thorium-230	0.96	PCI/G	0.02			2.8	03/17/2005	1464709.756	597930.413
SU4FSS070	Thorium-232	0.62	PCI/G	0.02			2.1	03/17/2005	1464709.756	597930.413
SU4FSS071	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/17/2005	1464724.756	597930.413
SU4FSS071	Americium-241	0.09	PCI/G	0.09	U		63	03/17/2005	1464724.756	597930.413
SU4FSS071	Cesium-137	0.48	PCI/G	0.07			3.8	03/17/2005	1464724.756	597930.413

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS071	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/17/2005	1464724.756	597930.413
SU4FSS071	Lead-210	2.03	PCI/G	0.84			7.4	03/17/2005	1464724.756	597930.413
SU4FSS071	Plutonium-238	1.02	PCI/G	0.03			55	03/17/2005	1464724.756	597930.413
SU4FSS071	Plutonium-239/240	0.04	PCI/G	0.02	J	J	62	03/17/2005	1464724.756	597930.413
SU4FSS071	Radium-226	1.20	PCI/G	0.88			2.9	03/17/2005	1464724.756	597930.413
SU4FSS071	Thorium-228	0.93	PCI/G	0.04			2.6	03/17/2005	1464724.756	597930.413
SU4FSS071	Thorium-230	1.04	PCI/G	0.02			2.8	03/17/2005	1464724.756	597930.413
SU4FSS071	Thorium-232	1.04	PCI/G	0.02			2.1	03/17/2005	1464724.756	597930.413
SU4FSS072	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/17/2005	1464739.756	597930.413
SU4FSS072	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464739.756	597930.413
SU4FSS072	Cesium-137	0.24	PCI/G	0.06			3.8	03/17/2005	1464739.756	597930.413
SU4FSS072	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464739.756	597930.413
SU4FSS072	Lead-210	4.08	PCI/G	0.85			7.4	03/17/2005	1464739.756	597930.413
SU4FSS072	Plutonium-238	8.90	PCI/G	0.04			55	03/17/2005	1464739.756	597930.413
SU4FSS072	Plutonium-239/240	0.10	PCI/G	0.03			62	03/17/2005	1464739.756	597930.413
SU4FSS072	Radium-226	1.33	PCI/G	0.77			2.9	03/17/2005	1464739.756	597930.413
SU4FSS072	Thorium-228	0.76	PCI/G	0.03			2.6	03/17/2005	1464739.756	597930.413
SU4FSS072	Thorium-230	0.86	PCI/G	0.02			2.8	03/17/2005	1464739.756	597930.413
SU4FSS072	Thorium-232	0.78	PCI/G	0.01			2.1	03/17/2005	1464739.756	597930.413
SU4FSS073	Actinium-227	0.36	PCI/G	0.36	U		4.6	03/17/2005	1464754.756	597930.413
SU4FSS073	Americium-241	0.11	PCI/G	0.09			63	03/17/2005	1464754.756	597930.413
SU4FSS073	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/17/2005	1464754.756	597930.413
SU4FSS073	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/17/2005	1464754.756	597930.413
SU4FSS073	Lead-210	1.41	PCI/G	0.72			7.4	03/17/2005	1464754.756	597930.413
SU4FSS073	Plutonium-238	24.80	PCI/G	0.04			55	03/17/2005	1464754.756	597930.413
SU4FSS073	Plutonium-239/240	0.31	PCI/G	0.02			62	03/17/2005	1464754.756	597930.413
SU4FSS073	Radium-226	1.52	PCI/G	0.82			2.9	03/17/2005	1464754.756	597930.413
SU4FSS073	Thorium-228	1.27	PCI/G	0.03			2.6	03/17/2005	1464754.756	597930.413
SU4FSS073	Thorium-230	0.99	PCI/G	0.03			2.8	03/17/2005	1464754.756	597930.413
SU4FSS073	Thorium-232	0.63	PCI/G	0.03			2.1	03/17/2005	1464754.756	597930.413
SU4FSS074	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/17/2005	1464769.756	597930.413
SU4FSS074	Americium-241	0.10	PCI/G	0.09			63	03/17/2005	1464769.756	597930.413
SU4FSS074	Cesium-137	0.08	PCI/G	0.07			3.8	03/17/2005	1464769.756	597930.413
SU4FSS074	Cobalt-60	0.14	PCI/G	0.14	U		0.7	03/17/2005	1464769.756	597930.413
SU4FSS074	Lead-210	2.87	PCI/G	0.92			7.4	03/17/2005	1464769.756	597930.413
SU4FSS074	Plutonium-238	25.60	PCI/G	0.03			55	03/17/2005	1464769.756	597930.413
SU4FSS074	Plutonium-239/240	0.39	PCI/G	0.04		J	62	03/17/2005	1464769.756	597930.413
SU4FSS074	Radium-226	2.27	PCI/G	1.16			2.9	03/17/2005	1464769.756	597930.413
SU4FSS074	Thorium-228	1.18	PCI/G	0.09			2.6	03/17/2005	1464769.756	597930.413
SU4FSS074	Thorium-230	0.98	PCI/G	0.07		J	2.8	03/17/2005	1464769.756	597930.413
SU4FSS074	Thorium-232	0.79	PCI/G	0.07		J	2.1	03/17/2005	1464769.756	597930.413
SU4FSS075	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/17/2005	1464784.756	597930.413
SU4FSS075	Americium-241	0.12	PCI/G	0.08			63	03/17/2005	1464784.756	597930.413
SU4FSS075	Cesium-137	0.12	PCI/G	0.05			3.8	03/17/2005	1464784.756	597930.413
SU4FSS075	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/17/2005	1464784.756	597930.413
SU4FSS075	Lead-210	4.29	PCI/G	0.77			7.4	03/17/2005	1464784.756	597930.413
SU4FSS075	Plutonium-238	39.60	PCI/G	0.04			55	03/17/2005	1464784.756	597930.413
SU4FSS075	Plutonium-239/240	0.55	PCI/G	0.01		J	62	03/17/2005	1464784.756	597930.413
SU4FSS075	Radium-226	1.11	PCI/G	0.77			2.9	03/17/2005	1464784.756	597930.413
SU4FSS075	Thorium-228	1.13	PCI/G	0.09			2.6	03/17/2005	1464784.756	597930.413
SU4FSS075	Thorium-230	0.92	PCI/G	0.07		J	2.8	03/17/2005	1464784.756	597930.413
SU4FSS075	Thorium-232	0.63	PCI/G	0.04		J	2.1	03/17/2005	1464784.756	597930.413
SU4FSS076	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/17/2005	1464799.756	597930.413
SU4FSS076	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464799.756	597930.413
SU4FSS076	Cesium-137	0.17	PCI/G	0.07			3.8	03/17/2005	1464799.756	597930.413
SU4FSS076	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/17/2005	1464799.756	597930.413
SU4FSS076	Lead-210	4.32	PCI/G	0.87			7.4	03/17/2005	1464799.756	597930.413
SU4FSS076	Plutonium-238	2.07	PCI/G	0.04			55	03/17/2005	1464799.756	597930.413
SU4FSS076	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/17/2005	1464799.756	597930.413
SU4FSS076	Radium-226	1.68	PCI/G	0.83			2.9	03/17/2005	1464799.756	597930.413
SU4FSS076	Thorium-228	0.61	PCI/G	0.09			2.6	03/17/2005	1464799.756	597930.413
SU4FSS076	Thorium-230	0.79	PCI/G	0.06		J	2.8	03/17/2005	1464799.756	597930.413
SU4FSS076	Thorium-232	0.51	PCI/G	0.06		J	2.1	03/17/2005	1464799.756	597930.413
SU4FSS077	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/17/2005	1464814.756	597930.413

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS077	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464814.756	597930.413
SU4FSS077	Cesium-137	0.06	PCI/G	0.05			3.8	03/17/2005	1464814.756	597930.413
SU4FSS077	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1464814.756	597930.413
SU4FSS077	Lead-210	1.94	PCI/G	0.80			7.4	03/17/2005	1464814.756	597930.413
SU4FSS077	Plutonium-238	0.10	PCI/G	0.05		J	55	03/17/2005	1464814.756	597930.413
SU4FSS077	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005	1464814.756	597930.413
SU4FSS077	Radium-226	2.39	PCI/G	0.78			2.9	03/17/2005	1464814.756	597930.413
SU4FSS077	Thorium-228	0.66	PCI/G	0.04			2.6	03/17/2005	1464814.756	597930.413
SU4FSS077	Thorium-230	1.10	PCI/G	0.04		J	2.8	03/17/2005	1464814.756	597930.413
SU4FSS077	Thorium-232	0.52	PCI/G	0.05		J	2.1	03/17/2005	1464814.756	597930.413
SU4FSS078	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/17/2005	1464829.756	597930.413
SU4FSS078	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005	1464829.756	597930.413
SU4FSS078	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005	1464829.756	597930.413
SU4FSS078	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464829.756	597930.413
SU4FSS078	Lead-210	1.16	PCI/G	0.52			7.4	03/17/2005	1464829.756	597930.413
SU4FSS078	Plutonium-238	0.34	PCI/G	0.05			55	03/17/2005	1464829.756	597930.413
SU4FSS078	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005	1464829.756	597930.413
SU4FSS078	Radium-226	1.29	PCI/G	0.70			2.9	03/17/2005	1464829.756	597930.413
SU4FSS078	Thorium-228	0.33	PCI/G	0.06			2.6	03/17/2005	1464829.756	597930.413
SU4FSS078	Thorium-230	0.50	PCI/G	0.05		J	2.8	03/17/2005	1464829.756	597930.413
SU4FSS078	Thorium-232	0.35	PCI/G	0.05		J	2.1	03/17/2005	1464829.756	597930.413
SU4FSS079	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/17/2005	1464717.256	597943.403
SU4FSS079	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464717.256	597943.403
SU4FSS079	Cesium-137	0.05	PCI/G	0.05			3.8	03/17/2005	1464717.256	597943.403
SU4FSS079	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1464717.256	597943.403
SU4FSS079	Lead-210	11.66	PCI/G	0.99			7.4	03/17/2005	1464717.256	597943.403
SU4FSS079	Plutonium-238	17.00	PCI/G	0.04			55	03/17/2005	1464717.256	597943.403
SU4FSS079	Plutonium-239/240	0.17	PCI/G	0.03		J	62	03/17/2005	1464717.256	597943.403
SU4FSS079	Radium-226	1.32	PCI/G	0.94			2.9	03/17/2005	1464717.256	597943.403
SU4FSS079	Thorium-228	1.67	PCI/G	0.03			2.6	03/17/2005	1464717.256	597943.403
SU4FSS079	Thorium-230	0.73	PCI/G	0.03		J	2.8	03/17/2005	1464717.256	597943.403
SU4FSS079	Thorium-232	1.09	PCI/G	0.03		J	2.1	03/17/2005	1464717.256	597943.403
SU4FSS080	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/17/2005	1464732.256	597943.403
SU4FSS080	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464732.256	597943.403
SU4FSS080	Cesium-137	0.19	PCI/G	0.04			3.8	03/17/2005	1464732.256	597943.403
SU4FSS080	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1464732.256	597943.403
SU4FSS080	Lead-210	1.86	PCI/G	0.71			7.4	03/17/2005	1464732.256	597943.403
SU4FSS080	Plutonium-238	3.52	PCI/G	0.04			55	03/17/2005	1464732.256	597943.403
SU4FSS080	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/17/2005	1464732.256	597943.403
SU4FSS080	Radium-226	0.98	PCI/G	0.75			2.9	03/17/2005	1464732.256	597943.403
SU4FSS080	Thorium-228	0.97	PCI/G	0.07			2.6	03/17/2005	1464732.256	597943.403
SU4FSS080	Thorium-230	0.88	PCI/G	0.03			2.8	03/17/2005	1464732.256	597943.403
SU4FSS080	Thorium-232	0.82	PCI/G	0.04			2.1	03/17/2005	1464732.256	597943.403
SU4FSS081	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/17/2005	1464747.256	597943.403
SU4FSS081	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005	1464747.256	597943.403
SU4FSS081	Cesium-137	0.05	PCI/G	0.04			3.8	03/17/2005	1464747.256	597943.403
SU4FSS081	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1464747.256	597943.403
SU4FSS081	Lead-210	1.19	PCI/G	0.60			7.4	03/17/2005	1464747.256	597943.403
SU4FSS081	Plutonium-238	0.32	PCI/G	0.04			55	03/17/2005	1464747.256	597943.403
SU4FSS081	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005	1464747.256	597943.403
SU4FSS081	Radium-226	0.86	PCI/G	0.64			2.9	03/17/2005	1464747.256	597943.403
SU4FSS081	Thorium-228	0.99	PCI/G	0.08			2.6	03/17/2005	1464747.256	597943.403
SU4FSS081	Thorium-230	0.94	PCI/G	0.06		J	2.8	03/17/2005	1464747.256	597943.403
SU4FSS081	Thorium-232	0.87	PCI/G	0.07		J	2.1	03/17/2005	1464747.256	597943.403
SU4FSS082	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/17/2005	1464762.256	597943.403
SU4FSS082	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464762.256	597943.403
SU4FSS082	Cesium-137	0.09	PCI/G	0.04			3.8	03/17/2005	1464762.256	597943.403
SU4FSS082	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464762.256	597943.403
SU4FSS082	Lead-210	2.45	PCI/G	0.61			7.4	03/17/2005	1464762.256	597943.403
SU4FSS082	Plutonium-238	0.28	PCI/G	0.05			55	03/17/2005	1464762.256	597943.403
SU4FSS082	Plutonium-239/240	0.00	PCI/G	0.04	U	UJ	62	03/17/2005	1464762.256	597943.403
SU4FSS082	Radium-226	1.26	PCI/G	0.79			2.9	03/17/2005	1464762.256	597943.403
SU4FSS082	Thorium-228	0.72	PCI/G	0.11			2.6	03/17/2005	1464762.256	597943.403
SU4FSS082	Thorium-230	0.59	PCI/G	0.04		J	2.8	03/17/2005	1464762.256	597943.403

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS082	Thorium-232	0.73	PCI/G	0.08		J	2.1	03/17/2005	1464762.256	597943.403
SU4FSS083	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/17/2005	1464777.256	597943.403
SU4FSS083	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464777.256	597943.403
SU4FSS083	Cesium-137	0.21	PCI/G	0.06			3.8	03/17/2005	1464777.256	597943.403
SU4FSS083	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/17/2005	1464777.256	597943.403
SU4FSS083	Lead-210	1.91	PCI/G	0.76			7.4	03/17/2005	1464777.256	597943.403
SU4FSS083	Plutonium-238	3.07	PCI/G	0.05			55	03/17/2005	1464777.256	597943.403
SU4FSS083	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	03/17/2005	1464777.256	597943.403
SU4FSS083	Radium-226	2.30	PCI/G	0.81			2.9	03/17/2005	1464777.256	597943.403
SU4FSS083	Thorium-228	1.01	PCI/G	0.07			2.6	03/17/2005	1464777.256	597943.403
SU4FSS083	Thorium-230	0.90	PCI/G	0.03		J	2.8	03/17/2005	1464777.256	597943.403
SU4FSS083	Thorium-232	0.67	PCI/G	0.06		J	2.1	03/17/2005	1464777.256	597943.403
SU4FSS084	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/17/2005	1464792.256	597943.403
SU4FSS084	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464792.256	597943.403
SU4FSS084	Cesium-137	0.16	PCI/G	0.06			3.8	03/17/2005	1464792.256	597943.403
SU4FSS084	Cobalt-60	0.34	PCI/G	0.34	U		0.7	03/17/2005	1464792.256	597943.403
SU4FSS084	Lead-210	1.96	PCI/G	0.66			7.4	03/17/2005	1464792.256	597943.403
SU4FSS084	Plutonium-238	3.86	PCI/G	0.06			55	03/17/2005	1464792.256	597943.403
SU4FSS084	Plutonium-239/240	0.09	PCI/G	0.04	J	J	62	03/17/2005	1464792.256	597943.403
SU4FSS084	Radium-226	1.47	PCI/G	0.76			2.9	03/17/2005	1464792.256	597943.403
SU4FSS084	Thorium-228	0.73	PCI/G	0.07			2.6	03/17/2005	1464792.256	597943.403
SU4FSS084	Thorium-230	1.21	PCI/G	0.05		J	2.8	03/17/2005	1464792.256	597943.403
SU4FSS084	Thorium-232	0.92	PCI/G	0.04		J	2.1	03/17/2005	1464792.256	597943.403
SU4FSS085	Actinium-227	0.15	PCI/G	0.15	U		4.6	03/17/2005	1464807.256	597943.403
SU4FSS085	Americium-241	0.05	PCI/G	0.05	U		63	03/17/2005	1464807.256	597943.403
SU4FSS085	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005	1464807.256	597943.403
SU4FSS085	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464807.256	597943.403
SU4FSS085	Lead-210	0.76	PCI/G	0.38			7.4	03/17/2005	1464807.256	597943.403
SU4FSS085	Plutonium-238	10.30	PCI/G	0.06			55	03/17/2005	1464807.256	597943.403
SU4FSS085	Plutonium-239/240	0.18	PCI/G	0.04		J	62	03/17/2005	1464807.256	597943.403
SU4FSS085	Radium-226	0.87	PCI/G	0.49			2.9	03/17/2005	1464807.256	597943.403
SU4FSS085	Thorium-228	0.59	PCI/G	0.10			2.6	03/17/2005	1464807.256	597943.403
SU4FSS085	Thorium-230	0.56	PCI/G	0.07		J	2.8	03/17/2005	1464807.256	597943.403
SU4FSS085	Thorium-232	0.22	PCI/G	0.07		J	2.1	03/17/2005	1464807.256	597943.403
SU4FSS086	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/17/2005	1464822.256	597943.403
SU4FSS086	Americium-241	0.04	PCI/G	0.04	U		63	03/17/2005	1464822.256	597943.403
SU4FSS086	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/17/2005	1464822.256	597943.403
SU4FSS086	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464822.256	597943.403
SU4FSS086	Lead-210	0.61	PCI/G	0.44			7.4	03/17/2005	1464822.256	597943.403
SU4FSS086	Plutonium-238	11.20	PCI/G	0.04			55	03/17/2005	1464822.256	597943.403
SU4FSS086	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/17/2005	1464822.256	597943.403
SU4FSS086	Radium-226	1.10	PCI/G	0.52			2.9	03/17/2005	1464822.256	597943.403
SU4FSS086	Thorium-228	0.65	PCI/G	0.09			2.6	03/17/2005	1464822.256	597943.403
SU4FSS086	Thorium-230	0.86	PCI/G	0.04		J	2.8	03/17/2005	1464822.256	597943.403
SU4FSS086	Thorium-232	0.42	PCI/G	0.04		J	2.1	03/17/2005	1464822.256	597943.403
SU4FSS087	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/17/2005	1464837.256	597943.403
SU4FSS087	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005	1464837.256	597943.403
SU4FSS087	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/17/2005	1464837.256	597943.403
SU4FSS087	Cobalt-60	0.06	PCI/G	0.01			0.7	03/17/2005	1464837.256	597943.403
SU4FSS087	Lead-210	4.07	PCI/G	0.90			7.4	03/17/2005	1464837.256	597943.403
SU4FSS087	Plutonium-238	3.01	PCI/G	0.04			55	03/17/2005	1464837.256	597943.403
SU4FSS087	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/17/2005	1464837.256	597943.403
SU4FSS087	Radium-226	1.49	PCI/G	0.85			2.9	03/17/2005	1464837.256	597943.403
SU4FSS087	Thorium-228	0.47	PCI/G	0.05			2.6	03/17/2005	1464837.256	597943.403
SU4FSS087	Thorium-230	0.58	PCI/G	0.03		J	2.8	03/17/2005	1464837.256	597943.403
SU4FSS087	Thorium-232	0.37	PCI/G	0.02		J	2.1	03/17/2005	1464837.256	597943.403
SU4FSS088	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/17/2005	1464814.756	597956.394
SU4FSS088	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464814.756	597956.394
SU4FSS088	Cesium-137	0.10	PCI/G	0.05			3.8	03/17/2005	1464814.756	597956.394
SU4FSS088	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464814.756	597956.394
SU4FSS088	Lead-210	0.80	PCI/G	0.68			7.4	03/17/2005	1464814.756	597956.394
SU4FSS088	Plutonium-238	0.21	PCI/G	0.04			55	03/17/2005	1464814.756	597956.394
SU4FSS088	Plutonium-239/240	0.02	PCI/G	0.02	J	J	62	03/17/2005	1464814.756	597956.394
SU4FSS088	Radium-226	1.84	PCI/G	0.72			2.9	03/17/2005	1464814.756	597956.394

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Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSS088	Thorium-228	0.83	PCI/G	0.09		J	2.6	03/17/2005	1464814.756	597956.394
SU4FSS088	Thorium-230	0.87	PCI/G	0.08		J	2.8	03/17/2005	1464814.756	597956.394
SU4FSS088	Thorium-232	0.63	PCI/G	0.04		J	2.1	03/17/2005	1464814.756	597956.394
SU4FSS089	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/17/2005	1464829.756	597956.394
SU4FSS089	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005	1464829.756	597956.394
SU4FSS089	Cesium-137	0.10	PCI/G	0.04			3.8	03/17/2005	1464829.756	597956.394
SU4FSS089	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464829.756	597956.394
SU4FSS089	Lead-210	1.56	PCI/G	0.64			7.4	03/17/2005	1464829.756	597956.394
SU4FSS089	Plutonium-238	5.95	PCI/G	0.04			55	03/17/2005	1464829.756	597956.394
SU4FSS089	Plutonium-239/240	0.06	PCI/G	0.01	J	J	62	03/17/2005	1464829.756	597956.394
SU4FSS089	Radium-226	1.41	PCI/G	0.67			2.9	03/17/2005	1464829.756	597956.394
SU4FSS089	Thorium-228	0.86	PCI/G	0.08			2.6	03/17/2005	1464829.756	597956.394
SU4FSS089	Thorium-230	1.01	PCI/G	0.03		J	2.8	03/17/2005	1464829.756	597956.394
SU4FSS089	Thorium-232	0.76	PCI/G	0.04		J	2.1	03/17/2005	1464829.756	597956.394
SU4FSS090	Actinium-227	0.17	PCI/G	0.17	U		4.6	03/17/2005	1464844.756	597956.394
SU4FSS090	Americium-241	0.05	PCI/G	0.05	U		63	03/17/2005	1464844.756	597956.394
SU4FSS090	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005	1464844.756	597956.394
SU4FSS090	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464844.756	597956.394
SU4FSS090	Lead-210	0.85	PCI/G	0.46			7.4	03/17/2005	1464844.756	597956.394
SU4FSS090	Plutonium-238	10.80	PCI/G	0.04			55	03/17/2005	1464844.756	597956.394
SU4FSS090	Plutonium-239/240	0.13	PCI/G	0.03		J	62	03/17/2005	1464844.756	597956.394
SU4FSS090	Radium-226	0.57	PCI/G	0.57	U		2.9	03/17/2005	1464844.756	597956.394
SU4FSS090	Thorium-228	0.73	PCI/G	0.07			2.6	03/17/2005	1464844.756	597956.394
SU4FSS090	Thorium-230	0.73	PCI/G	0.05		J	2.8	03/17/2005	1464844.756	597956.394
SU4FSS090	Thorium-232	0.34	PCI/G	0.04		J	2.1	03/17/2005	1464844.756	597956.394
SU4FSS091	Actinium-227	0.46	PCI/G	0.46	U		4.6	03/17/2005	1464837.256	597969.459
SU4FSS091	Americium-241	0.11	PCI/G	0.11	U		63	03/17/2005	1464837.256	597969.459
SU4FSS091	Cesium-137	0.05	PCI/G	0.04			3.8	03/17/2005	1464837.256	597969.459
SU4FSS091	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005	1464837.256	597969.459
SU4FSS091	Lead-210	0.99	PCI/G	0.92			7.4	03/17/2005	1464837.256	597969.459
SU4FSS091	Plutonium-238	3.61	PCI/G	0.03			55	03/17/2005	1464837.256	597969.459
SU4FSS091	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/17/2005	1464837.256	597969.459
SU4FSS091	Radium-226	1.74	PCI/G	0.92			2.9	03/17/2005	1464837.256	597969.459
SU4FSS091	Thorium-228	0.80	PCI/G	0.06			2.6	03/17/2005	1464837.256	597969.459
SU4FSS091	Thorium-230	0.92	PCI/G	0.02			2.8	03/17/2005	1464837.256	597969.459
SU4FSS091	Thorium-232	0.70	PCI/G	0.05			2.1	03/17/2005	1464837.256	597969.459
SU4FSS092	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/17/2005	1464852.256	597969.459
SU4FSS092	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005	1464852.256	597969.459
SU4FSS092	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005	1464852.256	597969.459
SU4FSS092	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005	1464852.256	597969.459
SU4FSS092	Lead-210	0.77	PCI/G	0.57			7.4	03/17/2005	1464852.256	597969.459
SU4FSS092	Plutonium-238	0.51	PCI/G	0.07			55	03/17/2005	1464852.256	597969.459
SU4FSS092	Plutonium-239/240	0.00	PCI/G	0.05	U	UJ	62	03/17/2005	1464852.256	597969.459
SU4FSS092	Radium-226	1.66	PCI/G	0.57			2.9	03/17/2005	1464852.256	597969.459
SU4FSS092	Thorium-228	0.34	PCI/G	0.11		J	2.6	03/17/2005	1464852.256	597969.459
SU4FSS092	Thorium-230	0.61	PCI/G	0.05		J	2.8	03/17/2005	1464852.256	597969.459
SU4FSS092	Thorium-232	0.29	PCI/G	0.08		J	2.1	03/17/2005	1464852.256	597969.459
SU4FSSB1	Actinium-227	0.64	PCI/G	0.64	U		4.6	03/17/2005	1464750.058	597921.057
SU4FSSB1	Americium-241	0.15	PCI/G	0.15	U		63	03/17/2005	1464750.058	597921.057
SU4FSSB1	Cesium-137	0.11	PCI/G	0.11	U		3.8	03/17/2005	1464750.058	597921.057
SU4FSSB1	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/17/2005	1464750.058	597921.057
SU4FSSB1	Lead-210	2.89	PCI/G	1.28			7.4	03/17/2005	1464750.058	597921.057
SU4FSSB1	Plutonium-238	33.90	PCI/G	0.05			55	03/17/2005	1464750.058	597921.057
SU4FSSB1	Plutonium-239/240	0.40	PCI/G	0.04		J	62	03/17/2005	1464750.058	597921.057
SU4FSSB1	Radium-226	2.65	PCI/G	1.44			2.9	03/17/2005	1464750.058	597921.057
SU4FSSB1	Thorium-228	2.22	PCI/G	0.09		J	2.6	03/17/2005	1464750.058	597921.057
SU4FSSB1	Thorium-230	0.86	PCI/G	0.08		J	2.8	03/17/2005	1464750.058	597921.057
SU4FSSB1	Thorium-232	0.86	PCI/G	0.04		J	2.1	03/17/2005	1464750.058	597921.057
SU4FSSB2	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/16/2005	1464552.29	597885.179
SU4FSSB2	Americium-241	0.05	PCI/G	0.05	U		63	03/16/2005	1464552.29	597885.179
SU4FSSB2	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005	1464552.29	597885.179
SU4FSSB2	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/16/2005	1464552.29	597885.179
SU4FSSB2	Lead-210	0.52	PCI/G	0.52			7.4	03/16/2005	1464552.29	597885.179
SU4FSSB2	Plutonium-238	21.80	PCI/G	0.04			55	03/16/2005	1464552.29	597885.179
SU4FSSB2	Plutonium-239/240	0.09	PCI/G	0.02	J	J	62	03/16/2005	1464552.29	597885.179

Table 3: Verification Results (SUs 1-4)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Results	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU4FSSB2	Radium-226	0.63	PCI/G	0.59			2.9	03/16/2005	1464552.29	597885.179
SU4FSSB2	Thorium-228	0.56	PCI/G	0.03			2.6	03/16/2005	1464552.29	597885.179
SU4FSSB2	Thorium-230	0.49	PCI/G	0.02			2.8	03/16/2005	1464552.29	597885.179
SU4FSSB2	Thorium-232	0.42	PCI/G	0.02			2.1	03/16/2005	1464552.29	597885.179
SU4FSSB3	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/17/2005	1464523.849	597875.115
SU4FSSB3	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005	1464523.849	597875.115
SU4FSSB3	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005	1464523.849	597875.115
SU4FSSB3	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005	1464523.849	597875.115
SU4FSSB3	Lead-210	0.53	PCI/G	0.53	U		7.4	03/17/2005	1464523.849	597875.115
SU4FSSB3	Plutonium-238	13.10	PCI/G	0.05			55	03/17/2005	1464523.849	597875.115
SU4FSSB3	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/17/2005	1464523.849	597875.115
SU4FSSB3	Radium-226	1.09	PCI/G	0.60			2.9	03/17/2005	1464523.849	597875.115
SU4FSSB3	Thorium-228	0.38	PCI/G	0.04			2.6	03/17/2005	1464523.849	597875.115
SU4FSSB3	Thorium-230	0.46	PCI/G	0.03			2.8	03/17/2005	1464523.849	597875.115
SU4FSSB3	Thorium-232	0.27	PCI/G	0.02			2.1	03/17/2005	1464523.849	597875.115
SU4FSSBias4 moved to PRS 441										

DL: detection limit
DQ: data qualifier
LQ: lab qualifier
U: not detected
CO: cleanup objective
J: estimated
coord: coordinate

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Table 4: Verification Results (SU6)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU67SCR273	Plutonium-238	0.16	PCI/G	0.07		J	55	07/12/2005	1464953.6	598030.51
SU67SCR273	Plutonium-239/240	0.03	PCI/G	0.03	U	UJ	62	07/12/2005	1464953.6	598030.51
SU67SCR273	Thorium-228	0.94	PCI/G	0.03			2.6	07/12/2005	1464953.6	598030.51
SU67SCR273	Thorium-230	0.85	PCI/G	0.03			2.8	07/12/2005	1464953.6	598030.51
SU67SCR273	Thorium-232	1.08	PCI/G	0.03			2.1	07/12/2005	1464953.6	598030.51
SU6PRS6701	Plutonium-238	32.10	PCI/G	0.04			55	07/05/2005	1464979.056	598003.656
SU6PRS6701	Plutonium-239/240	0.24	PCI/G	0.03			62	07/05/2005	1464979.056	598003.656
SU6PRS6701	Thorium-228	0.45	PCI/G	0.03			2.6	07/05/2005	1464979.056	598003.656
SU6PRS6701	Thorium-230	0.67	PCI/G	0.02			2.8	07/05/2005	1464979.056	598003.656
SU6PRS6701	Thorium-232	0.28	PCI/G	0.01			2.1	07/05/2005	1464979.056	598003.656
SU6PRS6702	Plutonium-238	27.90	PCI/G	0.04			55	07/05/2005	1464994.056	598003.656
SU6PRS6702	Plutonium-239/240	0.13	PCI/G	0.02			62	07/05/2005	1464994.056	598003.656
SU6PRS6702	Thorium-228	0.60	PCI/G	0.04			2.6	07/05/2005	1464994.056	598003.656
SU6PRS6702	Thorium-230	0.66	PCI/G	0.01			2.8	07/05/2005	1464994.056	598003.656
SU6PRS6702	Thorium-232	0.49	PCI/G	0.03			2.1	07/05/2005	1464994.056	598003.656
SU6PRS6703	Plutonium-238	39.50	PCI/G	0.05			55	07/05/2005	1465009.056	598003.656
SU6PRS6703	Plutonium-239/240	0.16	PCI/G	0.03			62	07/05/2005	1465009.056	598003.656
SU6PRS6703	Thorium-228	0.89	PCI/G	0.05			2.6	07/05/2005	1465009.056	598003.656
SU6PRS6703	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005	1465009.056	598003.656
SU6PRS6703	Thorium-232	0.41	PCI/G	0.03			2.1	07/05/2005	1465009.056	598003.656
SU6PRS6704	Plutonium-238	2.57	PCI/G	0.07			55	07/05/2005	1464971.556	598016.646
SU6PRS6704	Plutonium-239/240	0.05	PCI/G	0.05	J	J	62	07/05/2005	1464971.556	598016.646
SU6PRS6704	Thorium-228	0.49	PCI/G	0.05			2.6	07/05/2005	1464971.556	598016.646
SU6PRS6704	Thorium-230	0.72	PCI/G	0.03			2.8	07/05/2005	1464971.556	598016.646
SU6PRS6704	Thorium-232	0.67	PCI/G	0.02			2.1	07/05/2005	1464971.556	598016.646
SU6PRS6705	Plutonium-238	31.40	PCI/G	0.05			55	07/05/2005	1464986.556	598016.646
SU6PRS6705	Plutonium-239/240	0.23	PCI/G	0.03			62	07/05/2005	1464986.556	598016.646
SU6PRS6705	Thorium-228	1.00	PCI/G	0.03			2.6	07/05/2005	1464986.556	598016.646
SU6PRS6705	Thorium-230	1.16	PCI/G	0.03			2.8	07/05/2005	1464986.556	598016.646
SU6PRS6705	Thorium-232	1.03	PCI/G	0.01			2.1	07/05/2005	1464986.556	598016.646
SU6PRS6706	Plutonium-238	39.40	PCI/G	0.04			55	07/05/2005	1465001.556	598016.646
SU6PRS6706	Plutonium-239/240	0.17	PCI/G	0.03			62	07/05/2005	1465001.556	598016.646
SU6PRS6706	Thorium-228	0.78	PCI/G	0.03			2.6	07/05/2005	1465001.556	598016.646
SU6PRS6706	Thorium-230	1.70	PCI/G	0.01			2.8	07/05/2005	1465001.556	598016.646
SU6PRS6706	Thorium-232	0.47	PCI/G	0.02			2.1	07/05/2005	1465001.556	598016.646
SU6PRS6707	Plutonium-238	15.20	PCI/G	0.03			55	07/05/2005	1465016.556	598016.646
SU6PRS6707	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	07/05/2005	1465016.556	598016.646
SU6PRS6707	Thorium-228	0.59	PCI/G	0.04			2.6	07/05/2005	1465016.556	598016.646
SU6PRS6707	Thorium-230	1.30	PCI/G	0.03			2.8	07/05/2005	1465016.556	598016.646
SU6PRS6707	Thorium-232	0.59	PCI/G	0.02			2.1	07/05/2005	1465016.556	598016.646
SU6PRS6708	Plutonium-238	20.00	PCI/G	0.03			55	07/05/2005	1465031.556	598016.646
SU6PRS6708	Plutonium-239/240	0.08	PCI/G	0.03	J	J	62	07/05/2005	1465031.556	598016.646
SU6PRS6708	Thorium-228	0.56	PCI/G	0.04			2.6	07/05/2005	1465031.556	598016.646
SU6PRS6708	Thorium-230	0.70	PCI/G	0.03			2.8	07/05/2005	1465031.556	598016.646
SU6PRS6708	Thorium-232	0.52	PCI/G	0.01			2.1	07/05/2005	1465031.556	598016.646
SU6PRS6709	Plutonium-238	5.23	PCI/G	0.04			55	07/05/2005	1465046.556	598016.646
SU6PRS6709	Plutonium-239/240	0.03	PCI/G	0.03	U	J	62	07/05/2005	1465046.556	598016.646
SU6PRS6709	Thorium-228	0.95	PCI/G	0.03			2.6	07/05/2005	1465046.556	598016.646
SU6PRS6709	Thorium-230	1.18	PCI/G	0.03			2.8	07/05/2005	1465046.556	598016.646
SU6PRS6709	Thorium-232	0.91	PCI/G	0.02			2.1	07/05/2005	1465046.556	598016.646
SU6PRS6710	Plutonium-238	17.90	PCI/G	0.04			55	07/05/2005	1465061.556	598016.646
SU6PRS6710	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	07/05/2005	1465061.556	598016.646
SU6PRS6710	Thorium-228	0.82	PCI/G	0.06			2.6	07/05/2005	1465061.556	598016.646
SU6PRS6710	Thorium-230	1.03	PCI/G	0.02			2.8	07/05/2005	1465061.556	598016.646
SU6PRS6710	Thorium-232	0.78	PCI/G	0.02			2.1	07/05/2005	1465061.556	598016.646
SU6PRS6711	Plutonium-238	10.20	PCI/G	0.03			55	07/05/2005	1465076.556	598016.646
SU6PRS6711	Plutonium-239/240	0.04	PCI/G	0.02	J	J	62	07/05/2005	1465076.556	598016.646
SU6PRS6711	Thorium-228	0.60	PCI/G	0.05			2.6	07/05/2005	1465076.556	598016.646
SU6PRS6711	Thorium-230	0.87	PCI/G	0.02			2.8	07/05/2005	1465076.556	598016.646
SU6PRS6711	Thorium-232	0.55	PCI/G	0.01			2.1	07/05/2005	1465076.556	598016.646
SU6PRS6712	Plutonium-238	2.07	PCI/G	0.04			55	07/05/2005	1464994.056	598029.636
SU6PRS6712	Plutonium-239/240	20.10	PCI/G	0.01			62	07/05/2005	1464994.056	598029.636
SU6PRS6712	Thorium-228	0.79	PCI/G	0.08			2.6	07/05/2005	1464994.056	598029.636
SU6PRS6712	Thorium-230	0.87	PCI/G	0.04			2.8	07/05/2005	1464994.056	598029.636
SU6PRS6712	Thorium-232	0.72	PCI/G	0.02			2.1	07/05/2005	1464994.056	598029.636
SU6PRS6713	Plutonium-238	1.88	PCI/G	0.03			55	07/05/2005	1465009.056	598029.636
SU6PRS6713	Plutonium-239/240	0.25	PCI/G	0.02			62	07/05/2005	1465009.056	598029.636
SU6PRS6713	Thorium-228	0.60	PCI/G	0.05			2.6	07/05/2005	1465009.056	598029.636

Table 4: Verification Results (SU6)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU6PRS6713	Thorium-230	0.76	PCI/G	0.03			2.8	07/05/2005	1465009.056	598029.636
SU6PRS6713	Thorium-232	0.62	PCI/G	0.04			2.1	07/05/2005	1465009.056	598029.636
SU6PRS6714	Plutonium-238	5.19	PCI/G	0.04			55	07/05/2005	1465024.056	598029.636
SU6PRS6714	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	07/05/2005	1465024.056	598029.636
SU6PRS6714	Thorium-228	0.77	PCI/G	0.07			2.6	07/05/2005	1465024.056	598029.636
SU6PRS6714	Thorium-230	1.19	PCI/G	0.03			2.8	07/05/2005	1465024.056	598029.636
SU6PRS6714	Thorium-232	0.62	PCI/G	0.02			2.1	07/05/2005	1465024.056	598029.636
SU6PRS6715	Plutonium-238	21.10	PCI/G	0.03			55	07/05/2005	1465039.056	598029.636
SU6PRS6715	Plutonium-239/240	0.12	PCI/G	0.03			62	07/05/2005	1465039.056	598029.636
SU6PRS6715	Thorium-228	1.08	PCI/G	0.05			2.6	07/05/2005	1465039.056	598029.636
SU6PRS6715	Thorium-230	1.27	PCI/G	0.04			2.8	07/05/2005	1465039.056	598029.636
SU6PRS6715	Thorium-232	0.90	PCI/G	0.04			2.1	07/05/2005	1465039.056	598029.636
SU6PRS6716	Plutonium-238	24.10	PCI/G	0.03			55	07/05/2005	1465054.056	598029.636
SU6PRS6716	Plutonium-239/240	0.14	PCI/G	0.02			62	07/05/2005	1465054.056	598029.636
SU6PRS6716	Thorium-228	0.85	PCI/G	0.05			2.6	07/05/2005	1465054.056	598029.636
SU6PRS6716	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005	1465054.056	598029.636
SU6PRS6716	Thorium-232	0.79	PCI/G	0.03			2.1	07/05/2005	1465054.056	598029.636
SU6PRS6717	Plutonium-238	24.20	PCI/G	0.03			55	07/05/2005	1465069.056	598029.636
SU6PRS6717	Plutonium-239/240	0.12	PCI/G	0.02			62	07/05/2005	1465069.056	598029.636
SU6PRS6717	Thorium-228	0.73	PCI/G	0.04			2.6	07/05/2005	1465069.056	598029.636
SU6PRS6717	Thorium-230	0.80	PCI/G	0.01			2.8	07/05/2005	1465069.056	598029.636
SU6PRS6717	Thorium-232	0.56	PCI/G	0.02			2.1	07/05/2005	1465069.056	598029.636
SU6PRS6718	Plutonium-238	20.00	PCI/G	0.03			55	07/05/2005	1465084.056	598029.636
SU6PRS6718	Plutonium-239/240	0.10	PCI/G	0.02			62	07/05/2005	1465084.056	598029.636
SU6PRS6718	Thorium-228	0.49	PCI/G	0.04			2.6	07/05/2005	1465084.056	598029.636
SU6PRS6718	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005	1465084.056	598029.636
SU6PRS6718	Thorium-232	0.48	PCI/G	0.02			2.1	07/05/2005	1465084.056	598029.636
SU6PRS6719	Plutonium-238	47.00	PCI/G	0.03			55	07/05/2005	1465099.056	598029.636
SU6PRS6719	Plutonium-239/240	0.20	PCI/G	0.02			62	07/05/2005	1465099.056	598029.636
SU6PRS6719	Thorium-228	0.85	PCI/G	0.04			2.6	07/05/2005	1465099.056	598029.636
SU6PRS6719	Thorium-230	1.23	PCI/G	0.02			2.8	07/05/2005	1465099.056	598029.636
SU6PRS6719	Thorium-232	0.62	PCI/G	0.02			2.1	07/05/2005	1465099.056	598029.636
~~SU6PRS6720~~	~~Plutonium-238~~	~~484.00~~	~~PCI/G~~	~~4.00~~			~~55~~	~~07/05/2005~~	~~1465114.056~~	~~598029.636~~
~~SU6PRS6720~~	~~Plutonium-239/240~~	~~2.40~~	~~PCI/G~~	~~2.50~~	~~U~~	~~U~~	~~62~~	~~07/05/2005~~	~~1465114.056~~	~~598029.636~~
SU6PRS6720	Thorium-228	1.99	PCI/G	0.03			2.6	07/05/2005	1465114.056	598029.636
SU6PRS6720	Thorium-230	1.42	PCI/G	0.02			2.8	07/05/2005	1465114.056	598029.636
SU6PRS6720	Thorium-232	1.20	PCI/G	0.03			2.1	07/05/2005	1465114.056	598029.636
SU6PRS6720	Plutonium-238	28.80	PCI/G	0.04			55	08/02/2005	1465114.056	598029.636
SU6PRS6720	Plutonium-239/240	0.13	PCI/G	0.04			62	08/02/2005	1465114.056	598029.636
SU6PRS6721	Plutonium-238	10.50	PCI/G	0.03			55	07/05/2005	1465129.056	598029.636
SU6PRS6721	Plutonium-239/240	0.04	PCI/G	0.01	J	J	62	07/05/2005	1465129.056	598029.636
SU6PRS6721	Thorium-228	0.66	PCI/G	0.05			2.6	07/05/2005	1465129.056	598029.636
SU6PRS6721	Thorium-230	0.88	PCI/G	0.04			2.8	07/05/2005	1465129.056	598029.636
SU6PRS6721	Thorium-232	0.40	PCI/G	0.05			2.1	07/05/2005	1465129.056	598029.636
SU6PRS6722	Plutonium-238	0.01	PCI/G	0.03	U	UJ	55	07/05/2005	1465144.056	598029.636
SU6PRS6722	Plutonium-239/240	0.01	PCI/G	0.01	U	U	62	07/05/2005	1465144.056	598029.636
SU6PRS6722	Thorium-228	0.62	PCI/G	0.08			2.6	07/05/2005	1465144.056	598029.636
SU6PRS6722	Thorium-230	0.83	PCI/G	0.03			2.8	07/05/2005	1465144.056	598029.636
SU6PRS6722	Thorium-232	0.45	PCI/G	0.03			2.1	07/05/2005	1465144.056	598029.636
SU6PRS6723	Plutonium-238	0.07	PCI/G	0.04	J	J	55	07/05/2005	1465159.056	598029.636
SU6PRS6723	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	07/05/2005	1465159.056	598029.636
SU6PRS6723	Thorium-228	0.55	PCI/G	0.07			2.6	07/05/2005	1465159.056	598029.636
SU6PRS6723	Thorium-230	0.87	PCI/G	0.05			2.8	07/05/2005	1465159.056	598029.636
SU6PRS6723	Thorium-232	0.60	PCI/G	0.06			2.1	07/05/2005	1465159.056	598029.636
SU6PRS6724	Plutonium-238	4.94	PCI/G	0.04			55	07/05/2005	1465174.056	598029.636
SU6PRS6724	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	07/05/2005	1465174.056	598029.636
SU6PRS6724	Thorium-228	0.77	PCI/G	0.05			2.6	07/05/2005	1465174.056	598029.636
SU6PRS6724	Thorium-230	1.13	PCI/G	0.03			2.8	07/05/2005	1465174.056	598029.636
SU6PRS6724	Thorium-232	0.61	PCI/G	0.03			2.1	07/05/2005	1465174.056	598029.636
SU6PRS6725	Plutonium-238	0.07	PCI/G	0.04	J	J	55	07/05/2005	1465046.556	598042.627
SU6PRS6725	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	07/05/2005	1465046.556	598042.627
SU6PRS6725	Thorium-228	0.97	PCI/G	0.03			2.6	07/05/2005	1465046.556	598042.627
SU6PRS6725	Thorium-230	1.16	PCI/G	0.03			2.8	07/05/2005	1465046.556	598042.627
SU6PRS6725	Thorium-232	0.93	PCI/G	0.03			2.1	07/05/2005	1465046.556	598042.627
SU6PRS6726	Plutonium-238	1.23	PCI/G	0.03			55	07/05/2005	1465061.556	598042.627
SU6PRS6726	Plutonium-239/240	0.04	PCI/G	0.01	J	J	62	07/05/2005	1465061.556	598042.627
SU6PRS6726	Thorium-228	1.09	PCI/G	0.06			2.6	07/05/2005	1465061.556	598042.627
SU6PRS6726	Thorium-230	0.88	PCI/G	0.03			2.8	07/05/2005	1465061.556	598042.627

Table 4: Verification Results (SU6)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU6PRS6726	Thorium-232	0.88	PCI/G	0.03			2.1	07/05/2005	1465061.556	598042.627
SU6PRS6727	Plutonium-238	1.38	PCI/G	0.03			55	07/06/2005	1465106.556	598042.627
SU6PRS6727	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/06/2005	1465106.556	598042.627
SU6PRS6727	Thorium-228	1.18	PCI/G	0.04			2.6	07/06/2005	1465106.556	598042.627
SU6PRS6727	Thorium-230	0.76	PCI/G	0.03			2.8	07/06/2005	1465106.556	598042.627
SU6PRS6727	Thorium-232	0.99	PCI/G	0.04			2.1	07/06/2005	1465106.556	598042.627
SU6PRS6728	Plutonium-238	10.30	PCI/G	0.03			55	07/05/2005	1465121.556	598042.627
SU6PRS6728	Plutonium-239/240	0.07	PCI/G	0.03	J	J	62	07/05/2005	1465121.556	598042.627
SU6PRS6728	Thorium-228	0.82	PCI/G	0.05			2.6	07/05/2005	1465121.556	598042.627
SU6PRS6728	Thorium-230	0.81	PCI/G	0.03			2.8	07/05/2005	1465121.556	598042.627
SU6PRS6728	Thorium-232	0.86	PCI/G	0.04			2.1	07/05/2005	1465121.556	598042.627
SU6PRS6729	Plutonium-238	27.20	PCI/G	0.04			55	07/05/2005	1465136.556	598042.627
SU6PRS6729	Plutonium-239/240	0.18	PCI/G	0.03			62	07/05/2005	1465136.556	598042.627
SU6PRS6729	Thorium-228	0.89	PCI/G	0.09			2.6	07/05/2005	1465136.556	598042.627
SU6PRS6729	Thorium-230	0.78	PCI/G	0.05			2.8	07/05/2005	1465136.556	598042.627
SU6PRS6729	Thorium-232	0.78	PCI/G	0.05			2.1	07/05/2005	1465136.556	598042.627
SU6PRS6730	Plutonium-238	29.30	PCI/G	0.05			55	07/05/2005	1465151.556	598042.627
SU6PRS6730	Plutonium-239/240	0.11	PCI/G	0.04			62	07/05/2005	1465151.556	598042.627
SU6PRS6730	Thorium-228	0.89	PCI/G	0.05			2.6	07/05/2005	1465151.556	598042.627
SU6PRS6730	Thorium-230	0.90	PCI/G	0.04			2.8	07/05/2005	1465151.556	598042.627
SU6PRS6730	Thorium-232	0.55	PCI/G	0.02			2.1	07/05/2005	1465151.556	598042.627
SU6PRS6731	Plutonium-238	17.60	PCI/G	0.03			55	07/05/2005	1465166.556	598042.627
SU6PRS6731	Plutonium-239/240	0.08	PCI/G	0.03	J	J	62	07/05/2005	1465166.556	598042.627
SU6PRS6731	Thorium-228	0.45	PCI/G	0.04			2.6	07/05/2005	1465166.556	598042.627
SU6PRS6731	Thorium-230	0.50	PCI/G	0.03			2.8	07/05/2005	1465166.556	598042.627
SU6PRS6731	Thorium-232	0.29	PCI/G	0.02			2.1	07/05/2005	1465166.556	598042.627
SU6PRS6732	Plutonium-238	31.60	PCI/G	0.03			55	07/05/2005	1465181.556	598042.627
SU6PRS6732	Plutonium-239/240	0.18	PCI/G	0.03			62	07/05/2005	1465181.556	598042.627
SU6PRS6732	Thorium-228	0.64	PCI/G	0.04			2.6	07/05/2005	1465181.556	598042.627
SU6PRS6732	Thorium-230	0.62	PCI/G	0.04			2.8	07/05/2005	1465181.556	598042.627
SU6PRS6732	Thorium-232	0.25	PCI/G	0.03			2.1	07/05/2005	1465181.556	598042.627
SU6PRS6733	Plutonium-238	157.00	PCI/G	0.02			55	07/05/2005	1465196.556	598042.627
SU6PRS6733	Plutonium-239/240	0.80	PCI/G	0.02			62	07/05/2005	1465196.556	598042.627
SU6PRS6733	Thorium-228	1.28	PCI/G	0.03			2.6	07/05/2005	1465196.556	598042.627
SU6PRS6733	Thorium-230	1.32	PCI/G	0.02			2.8	07/05/2005	1465196.556	598042.627
SU6PRS6733	Thorium-232	0.79	PCI/G	0.02			2.1	07/05/2005	1465196.556	598042.627
SU6PRS6734	Plutonium-238	2.92	PCI/G	0.04			55	07/05/2005	1465054.056	598055.617
SU6PRS6734	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	07/05/2005	1465054.056	598055.617
SU6PRS6734	Thorium-228	0.22	PCI/G	0.05			2.6	07/05/2005	1465054.056	598055.617
SU6PRS6734	Thorium-230	0.56	PCI/G	0.03			2.8	07/05/2005	1465054.056	598055.617
SU6PRS6734	Thorium-232	0.32	PCI/G	0.03			2.1	07/05/2005	1465054.056	598055.617
SU6PRS6735	Plutonium-238	0.13	PCI/G	0.03			55	07/06/2005	1465099.056	598055.617
SU6PRS6735	Plutonium-239/240	0.02	PCI/G	0.02	J	J	62	07/06/2005	1465099.056	598055.617
SU6PRS6735	Thorium-228	0.87	PCI/G	0.07			2.6	07/06/2005	1465099.056	598055.617
SU6PRS6735	Thorium-230	0.69	PCI/G	0.03			2.8	07/06/2005	1465099.056	598055.617
SU6PRS6735	Thorium-232	0.88	PCI/G	0.03			2.1	07/06/2005	1465099.056	598055.617
SU6PRS6736	Plutonium-238	0.51	PCI/G	0.03			55	07/05/2005	1465114.056	598055.617
SU6PRS6736	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/05/2005	1465114.056	598055.617
SU6PRS6736	Thorium-228	0.98	PCI/G	0.11			2.6	07/05/2005	1465114.056	598055.617
SU6PRS6736	Thorium-230	0.62	PCI/G	0.04			2.8	07/05/2005	1465114.056	598055.617
SU6PRS6736	Thorium-232	0.77	PCI/G	0.06			2.1	07/05/2005	1465114.056	598055.617
SU6PRS6737	Plutonium-238	3.97	PCI/G	0.02			55	07/05/2005	1465129.056	598055.617
SU6PRS6737	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	07/05/2005	1465129.056	598055.617
SU6PRS6737	Thorium-228	0.83	PCI/G	0.07			2.6	07/05/2005	1465129.056	598055.617
SU6PRS6737	Thorium-230	0.93	PCI/G	0.06			2.8	07/05/2005	1465129.056	598055.617
SU6PRS6737	Thorium-232	0.69	PCI/G	0.06			2.1	07/05/2005	1465129.056	598055.617
SU6PRS6738	Plutonium-238	4.99	PCI/G	0.02			55	07/05/2005	1465144.056	598055.617
SU6PRS6738	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	07/05/2005	1465144.056	598055.617
SU6PRS6738	Thorium-228	0.81	PCI/G	0.07			2.6	07/05/2005	1465144.056	598055.617
SU6PRS6738	Thorium-230	0.74	PCI/G	0.04			2.8	07/05/2005	1465144.056	598055.617
SU6PRS6738	Thorium-232	0.72	PCI/G	0.07			2.1	07/05/2005	1465144.056	598055.617
SU6PRS6739	Plutonium-238	1.16	PCI/G	0.03			55	07/05/2005	1465159.056	598055.617
SU6PRS6739	Plutonium-239/240	0.01	PCI/G	0.01	U	U	62	07/05/2005	1465159.056	598055.617
SU6PRS6739	Thorium-228	0.92	PCI/G	0.08			2.6	07/05/2005	1465159.056	598055.617
SU6PRS6739	Thorium-230	0.61	PCI/G	0.06			2.8	07/05/2005	1465159.056	598055.617
SU6PRS6739	Thorium-232	0.89	PCI/G	0.05			2.1	07/05/2005	1465159.056	598055.617
SU6PRS6740	Plutonium-238	2.86	PCI/G	0.03			55	07/05/2005	1465174.056	598055.617
SU6PRS6740	Plutonium-239/240	0.03	PCI/G	0.01	J	J	62	07/05/2005	1465174.056	598055.617

Table 4: Verification Results (SU6)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU6PRS6740	Thorium-228	0.98	PCI/G	0.09			2.6	07/05/2005	1465174.056	598055.617
SU6PRS6740	Thorium-230	0.81	PCI/G	0.08			2.8	07/05/2005	1465174.056	598055.617
SU6PRS6740	Thorium-232	0.96	PCI/G	0.08			2.1	07/05/2005	1465174.056	598055.617
SU6PRS6741	Plutonium-238	9.40	PCI/G	0.02			55	07/05/2005	1465189.056	598055.617
SU6PRS6741	Plutonium-239/240	0.07	PCI/G	0.01	J	J	62	07/05/2005	1465189.056	598055.617
SU6PRS6741	Thorium-228	0.87	PCI/G	0.10			2.6	07/05/2005	1465189.056	598055.617
SU6PRS6741	Thorium-230	0.64	PCI/G	0.08			2.8	07/05/2005	1465189.056	598055.617
SU6PRS6741	Thorium-232	0.86	PCI/G	0.05			2.1	07/05/2005	1465189.056	598055.617
SU6PRS6742	Plutonium-238	7.85	PCI/G	0.02			55	07/05/2005	1465219.056	598055.617
SU6PRS6742	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	07/05/2005	1465219.056	598055.617
SU6PRS6742	Thorium-228	1.06	PCI/G	0.04			2.6	07/05/2005	1465219.056	598055.617
SU6PRS6742	Thorium-230	1.25	PCI/G	0.02			2.8	07/05/2005	1465219.056	598055.617
SU6PRS6742	Thorium-232	1.00	PCI/G	0.01			2.1	07/05/2005	1465219.056	598055.617
SU6PRS6743	Plutonium-238	37.40	PCI/G	0.02			55	07/05/2005	1465234.056	598055.617
SU6PRS6743	Plutonium-239/240	0.27	PCI/G	0.02			62	07/05/2005	1465234.056	598055.617
SU6PRS6743	Thorium-228	0.88	PCI/G	0.04			2.6	07/05/2005	1465234.056	598055.617
SU6PRS6743	Thorium-230	1.40	PCI/G	0.02			2.8	07/05/2005	1465234.056	598055.617
SU6PRS6743	Thorium-232	0.69	PCI/G	0.02			2.1	07/05/2005	1465234.056	598055.617
SU6PRS6744	Plutonium-238	1.22	PCI/G	0.03			55	07/05/2005	1465106.556	598068.607
SU6PRS6744	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/05/2005	1465106.556	598068.607
SU6PRS6744	Thorium-228	0.34	PCI/G	0.06			2.6	07/05/2005	1465106.556	598068.607
SU6PRS6744	Thorium-230	0.46	PCI/G	0.04		J	2.8	07/05/2005	1465106.556	598068.607
SU6PRS6744	Thorium-232	0.23	PCI/G	0.04			2.1	07/05/2005	1465106.556	598068.607
SU6PRS6745	Plutonium-238	0.43	PCI/G	0.04			55	07/06/2005	1465121.556	598068.607
SU6PRS6745	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	07/06/2005	1465121.556	598068.607
SU6PRS6745	Thorium-228	0.73	PCI/G	0.06			2.6	07/06/2005	1465121.556	598068.607
SU6PRS6745	Thorium-230	0.76	PCI/G	0.04			2.8	07/06/2005	1465121.556	598068.607
SU6PRS6745	Thorium-232	0.73	PCI/G	0.03			2.1	07/06/2005	1465121.556	598068.607
SU6PRS6746	Plutonium-238	2.00	PCI/G	0.04			55	07/05/2005	1465136.556	598068.607
SU6PRS6746	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/05/2005	1465136.556	598068.607
SU6PRS6746	Thorium-228	0.34	PCI/G	0.05			2.6	07/05/2005	1465136.556	598068.607
SU6PRS6746	Thorium-230	0.55	PCI/G	0.02			2.8	07/05/2005	1465136.556	598068.607
SU6PRS6746	Thorium-232	0.40	PCI/G	0.02			2.1	07/05/2005	1465136.556	598068.607
SU6PRS6747	Plutonium-238	22.10	PCI/G	0.04			55	07/06/2005	1465151.556	598068.607
SU6PRS6747	Plutonium-239/240	0.11	PCI/G	0.05		J	62	07/06/2005	1465151.556	598068.607
SU6PRS6747	Thorium-228	0.71	PCI/G	0.05			2.6	07/06/2005	1465151.556	598068.607
SU6PRS6747	Thorium-230	1.03	PCI/G	0.02			2.8	07/06/2005	1465151.556	598068.607
SU6PRS6747	Thorium-232	0.61	PCI/G	0.04			2.1	07/06/2005	1465151.556	598068.607
SU6PRS6748	Plutonium-238	2.71	PCI/G	0.04			55	07/06/2005	1465226.556	598068.607
SU6PRS6748	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	07/06/2005	1465226.556	598068.607
SU6PRS6748	Thorium-228	0.64	PCI/G	0.04			2.6	07/06/2005	1465226.556	598068.607
SU6PRS6748	Thorium-230	0.75	PCI/G	0.02			2.8	07/06/2005	1465226.556	598068.607
SU6PRS6748	Thorium-232	0.86	PCI/G	0.02			2.1	07/06/2005	1465226.556	598068.607
SU6PRS6749	Plutonium-238	4.44	PCI/G	0.03			55	07/05/2005	1465241.556	598068.607
SU6PRS6749	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	07/05/2005	1465241.556	598068.607
SU6PRS6749	Thorium-228	0.50	PCI/G	0.05			2.6	07/05/2005	1465241.556	598068.607
SU6PRS6749	Thorium-230	0.73	PCI/G	0.03			2.8	07/05/2005	1465241.556	598068.607
SU6PRS6749	Thorium-232	0.42	PCI/G	0.02			2.1	07/05/2005	1465241.556	598068.607
SU6PRS6750	Plutonium-238	18.00	PCI/G	0.03			55	07/06/2005	1465406.556	598094.588
SU6PRS6750	Plutonium-239/240	0.09	PCI/G	0.02	J		62	07/06/2005	1465406.556	598094.588
SU6PRS6750	Thorium-228	0.68	PCI/G	0.04			2.6	07/06/2005	1465406.556	598094.588
SU6PRS6750	Thorium-230	0.78	PCI/G	0.04			2.8	07/06/2005	1465406.556	598094.588
SU6PRS6750	Thorium-232	0.68	PCI/G	0.02			2.1	07/06/2005	1465406.556	598094.588
SU6PRS6751	Plutonium-238	3.42	PCI/G	0.04			55	07/06/2005	1465421.556	598094.588
SU6PRS6751	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	07/06/2005	1465421.556	598094.588
SU6PRS6751	Thorium-228	0.48	PCI/G	0.04			2.6	07/06/2005	1465421.556	598094.588
SU6PRS6751	Thorium-230	0.73	PCI/G	0.02			2.8	07/06/2005	1465421.556	598094.588
SU6PRS6751	Thorium-232	0.33	PCI/G	0.03			2.1	07/06/2005	1465421.556	598094.588
SU6PRS6752	Plutonium-238	9.48	PCI/G	0.03			55	07/06/2005	1465384.056	598107.579
SU6PRS6752	Plutonium-239/240	0.06	PCI/G	0.01	J	J	62	07/06/2005	1465384.056	598107.579
SU6PRS6752	Thorium-228	0.71	PCI/G	0.05			2.6	07/06/2005	1465384.056	598107.579
SU6PRS6752	Thorium-230	1.07	PCI/G	0.04			2.8	07/06/2005	1465384.056	598107.579
SU6PRS6752	Thorium-232	0.45	PCI/G	0.02			2.1	07/06/2005	1465384.056	598107.579
SU6PRS6753	Plutonium-238	7.62	PCI/G	0.05			55	07/06/2005	1465399.056	598107.579
SU6PRS6753	Plutonium-239/240	0.04	PCI/G	0.03	J	J	62	07/06/2005	1465399.056	598107.579
SU6PRS6753	Thorium-228	0.55	PCI/G	0.03			2.6	07/06/2005	1465399.056	598107.579
SU6PRS6753	Thorium-230	0.94	PCI/G	0.05			2.8	07/06/2005	1465399.056	598107.579
SU6PRS6753	Thorium-232	0.60	PCI/G	0.04			2.1	07/06/2005	1465399.056	598107.579

Table 4: Verification Results (SU6)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU6PRS6754	Plutonium-238	3.07	PCI/G	0.06			55	07/06/2005	1465414.056	598107.579
SU6PRS6754	Plutonium-239/240	0.04	PCI/G	0.04	U	U	62	07/06/2005	1465414.056	598107.579
SU6PRS6754	Thorium-228	0.67	PCI/G	0.07			2.6	07/06/2005	1465414.056	598107.579
SU6PRS6754	Thorium-230	0.82	PCI/G	0.02			2.8	07/06/2005	1465414.056	598107.579
SU6PRS6754	Thorium-232	0.53	PCI/G	0.04			2.1	07/06/2005	1465414.056	598107.579
SU6PRS6755	Plutonium-238	19.50	PCI/G	0.03			55	07/06/2005	1465429.056	598107.579
SU6PRS6755	Plutonium-239/240	0.07	PCI/G	0.03	J	J	62	07/06/2005	1465429.056	598107.579
SU6PRS6755	Thorium-228	0.44	PCI/G	0.02			2.6	07/06/2005	1465429.056	598107.579
SU6PRS6755	Thorium-230	1.58	PCI/G	0.04			2.8	07/06/2005	1465429.056	598107.579
SU6PRS6755	Thorium-232	0.49	PCI/G	0.02			2.1	07/06/2005	1465429.056	598107.579
SU6PRS6756	Plutonium-238	5.19	PCI/G	0.04			55	07/06/2005	1465444.056	598107.579
SU6PRS6756	Plutonium-239/240	0.04	PCI/G	0.03	J	J	62	07/06/2005	1465444.056	598107.579
SU6PRS6756	Thorium-228	1.15	PCI/G	0.05			2.6	07/06/2005	1465444.056	598107.579
SU6PRS6756	Thorium-230	1.38	PCI/G	0.04			2.8	07/06/2005	1465444.056	598107.579
SU6PRS6756	Thorium-232	1.04	PCI/G	0.02			2.1	07/06/2005	1465444.056	598107.579
SU6PRS6757	Plutonium-238	0.40	PCI/G	0.04			55	07/06/2005	1465376.556	598120.569
SU6PRS6757	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	07/06/2005	1465376.556	598120.569
SU6PRS6757	Thorium-228	0.08	PCI/G	0.09	U	U	2.6	07/06/2005	1465376.556	598120.569
SU6PRS6757	Thorium-230	0.30	PCI/G	0.03		J	2.8	07/06/2005	1465376.556	598120.569
SU6PRS6757	Thorium-232	0.12	PCI/G	0.05		J	2.1	07/06/2005	1465376.556	598120.569
SU6PRS6758	Plutonium-238	11.50	PCI/G	0.03			55	07/06/2005	1465391.556	598120.569
SU6PRS6758	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	07/06/2005	1465391.556	598120.569
SU6PRS6758	Thorium-228	0.36	PCI/G	0.04			2.6	07/06/2005	1465391.556	598120.569
SU6PRS6758	Thorium-230	0.70	PCI/G	0.03			2.8	07/06/2005	1465391.556	598120.569
SU6PRS6758	Thorium-232	0.39	PCI/G	0.03			2.1	07/06/2005	1465391.556	598120.569
SU6PRS6759	Plutonium-238	22.30	PCI/G	0.03			55	07/06/2005	1465406.556	598120.569
SU6PRS6759	Plutonium-239/240	0.15	PCI/G	0.02			62	07/06/2005	1465406.556	598120.569
SU6PRS6759	Thorium-228	0.98	PCI/G	0.20		J	2.6	07/06/2005	1465406.556	598120.569
SU6PRS6759	Thorium-230	1.32	PCI/G	0.07		J	2.8	07/06/2005	1465406.556	598120.569
SU6PRS6759	Thorium-232	0.90	PCI/G	0.09		J	2.1	07/06/2005	1465406.556	598120.569
SU6PRS6760	Plutonium-238	34.80	PCI/G	0.03			55	07/06/2005	1465421.556	598120.569
SU6PRS6760	Plutonium-239/240	0.44	PCI/G	0.02			62	07/06/2005	1465421.556	598120.569
SU6PRS6760	Thorium-228	1.28	PCI/G	0.05			2.6	07/06/2005	1465421.556	598120.569
SU6PRS6760	Thorium-230	1.24	PCI/G	0.02			2.8	07/06/2005	1465421.556	598120.569
SU6PRS6760	Thorium-232	0.95	PCI/G	0.02			2.1	07/06/2005	1465421.556	598120.569
SU6PRS6761	Plutonium-238	8.51	PCI/G	0.04			55	07/06/2005	1465436.556	598120.569
SU6PRS6761	Plutonium-239/240	0.02	PCI/G	0.02	J	J	62	07/06/2005	1465436.556	598120.569
SU6PRS6761	Thorium-228	0.65	PCI/G	0.03			2.6	07/06/2005	1465436.556	598120.569
SU6PRS6761	Thorium-230	1.09	PCI/G	0.03			2.8	07/06/2005	1465436.556	598120.569
SU6PRS6761	Thorium-232	0.56	PCI/G	0.03			2.1	07/06/2005	1465436.556	598120.569
SU6PRS6762	Plutonium-238	6.22	PCI/G	0.05			55	07/06/2005	1465451.556	598120.569
SU6PRS6762	Plutonium-239/240	0.03	PCI/G	0.05	U	UJ	62	07/06/2005	1465451.556	598120.569
SU6PRS6762	Thorium-228	0.94	PCI/G	0.04			2.6	07/06/2005	1465451.556	598120.569
SU6PRS6762	Thorium-230	1.41	PCI/G	0.02			2.8	07/06/2005	1465451.556	598120.569
SU6PRS6762	Thorium-232	0.95	PCI/G	0.03			2.1	07/06/2005	1465451.556	598120.569
SU6PRS6763	Plutonium-238	13.80	PCI/G	0.04			55	07/06/2005	1465384.056	598133.559
SU6PRS6763	Plutonium-239/240	0.06	PCI/G	0.03	J	J	62	07/06/2005	1465384.056	598133.559
SU6PRS6763	Thorium-228	0.49	PCI/G	0.06			2.6	07/06/2005	1465384.056	598133.559
SU6PRS6763	Thorium-230	0.66	PCI/G	0.02			2.8	07/06/2005	1465384.056	598133.559
SU6PRS6763	Thorium-232	0.40	PCI/G	0.04			2.1	07/06/2005	1465384.056	598133.559
SU6PRS6764	Plutonium-238	25.70	PCI/G	0.03			55	07/06/2005	1465399.056	598133.559
SU6PRS6764	Plutonium-239/240	0.19	PCI/G	0.01			62	07/06/2005	1465399.056	598133.559
SU6PRS6764	Thorium-228	1.10	PCI/G	0.06			2.6	07/06/2005	1465399.056	598133.559
SU6PRS6764	Thorium-230	1.09	PCI/G	0.03			2.8	07/06/2005	1465399.056	598133.559
SU6PRS6764	Thorium-232	0.92	PCI/G	0.05			2.1	07/06/2005	1465399.056	598133.559
SU6PRS6765	Plutonium-238	3.21	PCI/G	0.04			55	07/06/2005	1465414.056	598133.559
SU6PRS6765	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	07/06/2005	1465414.056	598133.559
SU6PRS6765	Thorium-228	1.25	PCI/G	0.04			2.6	07/06/2005	1465414.056	598133.559
SU6PRS6765	Thorium-230	1.38	PCI/G	0.02			2.8	07/06/2005	1465414.056	598133.559
SU6PRS6765	Thorium-232	1.11	PCI/G	0.02			2.1	07/06/2005	1465414.056	598133.559
SU6PRS6766	Plutonium-238	0.68	PCI/G	0.04			55	07/06/2005	1465429.056	598133.559
SU6PRS6766	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	07/06/2005	1465429.056	598133.559
SU6PRS6766	Thorium-228	1.08	PCI/G	0.05			2.6	07/06/2005	1465429.056	598133.559
SU6PRS6766	Thorium-230	1.37	PCI/G	0.03			2.8	07/06/2005	1465429.056	598133.559
SU6PRS6766	Thorium-232	1.19	PCI/G	0.03			2.1	07/06/2005	1465429.056	598133.559
SU6PRS6767	Plutonium-238	6.37	PCI/G	0.03			55	07/06/2005	1465444.056	598133.559
SU6PRS6767	Plutonium-239/240	0.03	PCI/G	0.01	J	J	62	07/06/2005	1465444.056	598133.559
SU6PRS6767	Thorium-228	0.70	PCI/G	0.03			2.6	07/06/2005	1465444.056	598133.559

Table 4: Verification Results (SU6)

(shaded >CO and strikeout indicates not part of final evaluation)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected	X coord	Y coord
SU6PRS6767	Thorium-230	1.06	PCI/G	0.03			2.8	07/06/2005	1465444.056	598133.559
SU6PRS6767	Thorium-232	0.54	PCI/G	0.02			2.1	07/06/2005	1465444.056	598133.559
SU6PRS6768	Plutonium-238	8.60	PCI/G	0.03			55	07/06/2005	1465459.056	598133.559
SU6PRS6768	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	07/06/2005	1465459.056	598133.559
SU6PRS6768	Thorium-228	1.04	PCI/G	0.05			2.6	07/06/2005	1465459.056	598133.559
SU6PRS6768	Thorium-230	1.63	PCI/G	0.03			2.8	07/06/2005	1465459.056	598133.559
SU6PRS6768	Thorium-232	0.83	PCI/G	0.02			2.1	07/06/2005	1465459.056	598133.559
SU6PRS6769	Plutonium-238	1.32	PCI/G	0.03			55	07/06/2005	1465391.556	598146.55
SU6PRS6769	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	07/06/2005	1465391.556	598146.55
SU6PRS6769	Thorium-228	0.24	PCI/G	0.03			2.6	07/06/2005	1465391.556	598146.55
SU6PRS6769	Thorium-230	0.42	PCI/G	0.04			2.8	07/06/2005	1465391.556	598146.55
SU6PRS6769	Thorium-232	0.30	PCI/G	0.02			2.1	07/06/2005	1465391.556	598146.55
SU6PRS6770	Plutonium-238	22.10	PCI/G	0.05			55	07/06/2005	1465406.556	598146.55
SU6PRS6770	Plutonium-239/240	0.17	PCI/G	0.03			62	07/06/2005	1465406.556	598146.55
SU6PRS6770	Thorium-228	0.79	PCI/G	0.05			2.6	07/06/2005	1465406.556	598146.55
SU6PRS6770	Thorium-230	1.52	PCI/G	0.05			2.8	07/06/2005	1465406.556	598146.55
SU6PRS6770	Thorium-232	0.72	PCI/G	0.05			2.1	07/06/2005	1465406.556	598146.55
SU6PRS6771	Plutonium-238	6.78	PCI/G	0.07			55	07/06/2005	1465421.556	598146.55
SU6PRS6771	Plutonium-239/240	0.04	PCI/G	0.05	U	U	62	07/06/2005	1465421.556	598146.55
SU6PRS6771	Thorium-228	0.30	PCI/G	0.06			2.6	07/06/2005	1465421.556	598146.55
SU6PRS6771	Thorium-230	0.60	PCI/G	0.02			2.8	07/06/2005	1465421.556	598146.55
SU6PRS6771	Thorium-232	0.27	PCI/G	0.02			2.1	07/06/2005	1465421.556	598146.55
SU6PRS6772	Plutonium-238	12.30	PCI/G	0.03			55	07/06/2005	1465436.556	598146.55
SU6PRS6772	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	07/06/2005	1465436.556	598146.55
SU6PRS6772	Thorium-228	0.36	PCI/G	0.10			2.6	07/06/2005	1465436.556	598146.55
SU6PRS6772	Thorium-230	0.35	PCI/G	0.08		J	2.8	07/06/2005	1465436.556	598146.55
SU6PRS6772	Thorium-232	0.33	PCI/G	0.09			2.1	07/06/2005	1465436.556	598146.55
SU6PRS6773	Plutonium-238	16.00	PCI/G	0.03			55	07/06/2005	1465451.556	598146.55
SU6PRS6773	Plutonium-238	0.20	PCI/G	0.05		J	55	07/12/2005	1465451.556	598146.55
SU6PRS6773	Plutonium-239/240	0.09	PCI/G	0.02	J	J	62	07/06/2005	1465451.556	598146.55
SU6PRS6773	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	07/12/2005	1465451.556	598146.55
SU6PRS6773	Thorium-228	0.94	PCI/G	0.03			2.6	07/12/2005	1465451.556	598146.55
SU6PRS6773	Thorium-228	0.63	PCI/G	0.05			2.6	07/06/2005	1465451.556	598146.55
SU6PRS6773	Thorium-230	0.85	PCI/G	0.03			2.8	07/12/2005	1465451.556	598146.55
SU6PRS6773	Thorium-230	0.78	PCI/G	0.03			2.8	07/06/2005	1465451.556	598146.55
SU6PRS6773	Thorium-232	0.97	PCI/G	0.03			2.1	07/12/2005	1465451.556	598146.55
SU6PRS6773	Thorium-232	0.60	PCI/G	0.03			2.1	07/06/2005	1465451.556	598146.55
SU6PRS6774	Plutonium-238	0.75	PCI/G	0.03			55	07/06/2005	1465399.056	598159.54
SU6PRS6774	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	07/06/2005	1465399.056	598159.54
SU6PRS6774	Thorium-228	0.35	PCI/G	0.05			2.6	07/06/2005	1465399.056	598159.54
SU6PRS6774	Thorium-230	1.28	PCI/G	0.05			2.8	07/06/2005	1465399.056	598159.54
SU6PRS6774	Thorium-232	0.43	PCI/G	0.05			2.1	07/06/2005	1465399.056	598159.54
SU6PRS6775	Plutonium-238	0.46	PCI/G	0.03			55	07/06/2005	1465414.056	598159.54
SU6PRS6775	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/06/2005	1465414.056	598159.54
SU6PRS6775	Thorium-228	1.08	PCI/G	0.09			2.6	07/06/2005	1465414.056	598159.54
SU6PRS6775	Thorium-230	1.26	PCI/G	0.07			2.8	07/06/2005	1465414.056	598159.54
SU6PRS6775	Thorium-232	1.31	PCI/G	0.06			2.1	07/06/2005	1465414.056	598159.54
SU6PRS6776	Plutonium-238	8.21	PCI/G	0.03			55	07/06/2005	1465429.056	598159.54
SU6PRS6776	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	07/06/2005	1465429.056	598159.54
SU6PRS6776	Thorium-228	0.47	PCI/G	0.06			2.6	07/06/2005	1465429.056	598159.54
SU6PRS6776	Thorium-230	0.74	PCI/G	0.04			2.8	07/06/2005	1465429.056	598159.54
SU6PRS6776	Thorium-232	0.50	PCI/G	0.03			2.1	07/06/2005	1465429.056	598159.54
SU6PRS6777	Plutonium-238	11.70	PCI/G	0.03			55	07/06/2005	1465444.056	598159.54
SU6PRS6777	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	07/06/2005	1465444.056	598159.54
SU6PRS6777	Thorium-228	0.59	PCI/G	0.06			2.6	07/06/2005	1465444.056	598159.54
SU6PRS6777	Thorium-230	0.83	PCI/G	0.03			2.8	07/06/2005	1465444.056	598159.54
SU6PRS6777	Thorium-232	0.50	PCI/G	0.03			2.1	07/06/2005	1465444.056	598159.54

CO: cleanup objective
DL: detection limit
DQ: data qualifier
LQ: lab qualifier
U: not detected
J: estimated
coord: coordinate

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
B09	Actinium-227	0.16	PCI/G	0.16	U		4.6	10/26/2004
B09	Americium-241	0.04	PCI/G	0.04	U		63	10/26/2004
B09	Cesium-137	0.03	PCI/G	0.03	U		3.8	10/26/2004
B09	Cobalt-60	0.03	PCI/G	0.03	U		0.7	10/26/2004
B09	Lead-210	0.42	PCI/G	0.42	U		7.4	10/26/2004
B09	Plutonium-238	10.74	PCI/G	0.05			55	10/26/2004
B09	Plutonium-239/240	0.07	PCI/G	0.07	U		62	10/26/2004
B09	Radium-226	0.69	PCI/G	0.51			2.9	10/26/2004
B09	Thorium-227	0.07	PCI/G	0.02			20.9	10/26/2004
B09	Thorium-228	0.42	PCI/G	0.02			2.6	10/26/2004
B09	Thorium-230	0.45	PCI/G	0.02			2.8	10/26/2004
B09	Thorium-232	0.32	PCI/G	0.02			2.1	10/26/2004
B10	Actinium-227	0.19	PCI/G	0.19	U		4.6	10/26/2004
B10	Americium-241	0.05	PCI/G	0.05	U		63	10/26/2004
B10	Cesium-137	0.03	PCI/G	0.03	U		3.8	10/26/2004
B10	Cobalt-60	0.04	PCI/G	0.04	U		0.7	10/26/2004
B10	Lead-210	0.52	PCI/G	0.48			7.4	10/26/2004
B10	Plutonium-238	10.23	PCI/G	0.04			55	10/26/2004
B10	Plutonium-239/240	0.02	PCI/G	0.01			62	10/26/2004
B10	Radium-226	0.79	PCI/G	0.61			2.9	10/26/2004
B10	Thorium-227	0.04	PCI/G	0.04	U		20.9	10/26/2004
B10	Thorium-228	0.70	PCI/G	0.04			2.6	10/26/2004
B10	Thorium-230	0.54	PCI/G	0.04			2.8	10/26/2004
B10	Thorium-232	0.49	PCI/G	0.02			2.1	10/26/2004
B15	Actinium-227	0.39	PCI/G	0.23			4.6	10/26/2004
B15	Americium-241	0.09	PCI/G	0.09	U		63	10/26/2004
B15	Cesium-137	0.08	PCI/G	0.05			3.8	10/26/2004
B15	Cobalt-60	0.06	PCI/G	0.01			0.7	10/26/2004
B15	Lead-210	1.99	PCI/G	0.74			7.4	10/26/2004
B15	Plutonium-238	7.69	PCI/G	0.01			55	10/26/2004
B15	Plutonium-239/240	0.04	PCI/G	0.01			62	10/26/2004
B15	Radium-226	1.04	PCI/G	0.93			2.9	10/26/2004
B15	Thorium-227	0.02	PCI/G	0.02			20.9	10/26/2004
B15	Thorium-228	0.59	PCI/G	0.06			2.6	10/26/2004
B15	Thorium-230	0.97	PCI/G	0.02			2.8	10/26/2004
B15	Thorium-232	0.64	PCI/G	0.02			2.1	10/26/2004
B16	Actinium-227	0.21	PCI/G	0.21	U		4.6	10/26/2004
B16	Americium-241	0.06	PCI/G	0.06	U		63	10/26/2004
B16	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004
B16	Cobalt-60	0.05	PCI/G	0.05	U		0.7	10/26/2004
B16	Lead-210	0.87	PCI/G	0.52			7.4	10/26/2004
B16	Plutonium-238	32.24	PCI/G	0.05			55	10/26/2004
B16	Plutonium-239/240	0.12	PCI/G	0.01			62	10/26/2004
B16	Radium-226	0.69	PCI/G	0.67			2.9	10/26/2004
B16	Thorium-227	0.03	PCI/G	0.03	U		20.9	10/26/2004
B16	Thorium-228	0.79	PCI/G	0.10			2.6	10/26/2004
B16	Thorium-230	0.83	PCI/G	0.10			2.8	10/26/2004
B16	Thorium-232	0.90	PCI/G	0.08			2.1	10/26/2004
B17	Actinium-227	0.19	PCI/G	0.19	U		4.6	10/26/2004
B17	Americium-241	0.06	PCI/G	0.06	U		63	10/26/2004
B17	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004
B17	Cobalt-60	0.04	PCI/G	0.04	U		0.7	10/26/2004
B17	Lead-210	0.61	PCI/G	0.56			7.4	10/26/2004
B17	Plutonium-238	11.29	PCI/G	0.01			55	10/26/2004
B17	Plutonium-239/240	0.04	PCI/G	0.01			62	10/26/2004
B17	Radium-226	0.96	PCI/G	0.61			2.9	10/26/2004
B17	Thorium-227	0.02	PCI/G	0.02	U		20.9	10/26/2004
B17	Thorium-228	0.69	PCI/G	0.02			2.6	10/26/2004
B17	Thorium-230	0.65	PCI/G	0.06			2.8	10/26/2004
B17	Thorium-232	0.50	PCI/G	0.02			2.1	10/26/2004
B18	Actinium-227	0.16	PCI/G	0.16	U		4.6	10/26/2004
B18	Americium-241	0.05	PCI/G	0.05	U		63	10/26/2004
B18	Cesium-137	0.03	PCI/G	0.03	U		3.8	10/26/2004
B18	Cobalt-60	0.03	PCI/G	0.03	U		0.7	10/26/2004
B18	Lead-210	0.44	PCI/G	0.44	U		7.4	10/26/2004
B18	Plutonium-238	17.74	PCI/G	0.05			55	10/26/2004
B18	Plutonium-239/240	0.05	PCI/G	0.05			62	10/26/2004

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
B18	Radium-226	0.71	PCI/G	0.50			2.9	10/26/2004
B18	Thorium-227	0.05	PCI/G	0.04			20.9	10/26/2004
B18	Thorium-228	0.85	PCI/G	0.04			2.6	10/26/2004
B18	Thorium-230	0.73	PCI/G	0.04			2.8	10/26/2004
B18	Thorium-232	0.51	PCI/G	0.04			2.1	10/26/2004
B19	Actinium-227	0.17	PCI/G	0.17	U		4.6	10/26/2004
B19	Americium-241	0.05	PCI/G	0.05	U		63	10/26/2004
B19	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004
B19	Cobalt-60	0.03	PCI/G	0.03	U		0.7	10/26/2004
B19	Lead-210	0.45	PCI/G	0.44			7.4	10/26/2004
B19	Plutonium-238	12.45	PCI/G	0.01			55	10/26/2004
B19	Plutonium-239/240	0.06	PCI/G	0.01			62	10/26/2004
B19	Radium-226	0.79	PCI/G	0.42			2.9	10/26/2004
B19	Thorium-227	0.02	PCI/G	0.02	U		20.9	10/26/2004
B19	Thorium-228	0.35	PCI/G	0.02			2.6	10/26/2004
B19	Thorium-230	0.59	PCI/G	0.06			2.8	10/26/2004
B19	Thorium-232	0.30	PCI/G	0.02			2.1	10/26/2004
B21	Actinium-227	0.29	PCI/G	0.29	U		4.6	10/26/2004
B21	Americium-241	0.08	PCI/G	0.08	U		63	10/26/2004
B21	Cesium-137	0.07	PCI/G	0.06			3.8	10/26/2004
B21	Cobalt-60	0.07	PCI/G	0.07	U		0.7	10/26/2004
B21	Lead-210	1.08	PCI/G	0.80			7.4	10/26/2004
B21	Plutonium-238	9.07	PCI/G	0.04			55	10/26/2004
B21	Plutonium-239/240	0.04	PCI/G	0.04	U		62	10/26/2004
B21	Radium-226	0.91	PCI/G	0.91	U		2.9	10/26/2004
B21	Thorium-227	0.06	PCI/G	0.06	U		20.9	10/26/2004
B21	Thorium-228	0.93	PCI/G	0.06			2.6	10/26/2004
B21	Thorium-230	1.03	PCI/G	0.17			2.8	10/26/2004
B21	Thorium-232	0.84	PCI/G	0.17			2.1	10/26/2004
B23A	Actinium-227	0.27	PCI/G	0.27	U		4.6	10/28/2004
B23A	Americium-241	0.07	PCI/G	0.07	U		63	10/28/2004
B23A	Cesium-137	0.05	PCI/G	0.05	U		3.8	10/28/2004
B23A	Cobalt-60	0.06	PCI/G	0.06	U		0.7	10/28/2004
B23A	Lead-210	1.19	PCI/G	0.64			7.4	10/28/2004
B23A	Plutonium-238	5.96	PCI/G	0.04			55	10/28/2004
B23A	Plutonium-239/240	0.03	PCI/G	0.01			62	10/28/2004
B23A	Radium-226	1.08	PCI/G	0.75			2.9	10/28/2004
B23A	Thorium-227	0.29	PCI/G	0.05			20.9	10/28/2004
B23A	Thorium-228	0.94	PCI/G	0.02			2.6	10/28/2004
B23A	Thorium-230	0.43	PCI/G	0.18			2.8	10/28/2004
B23A	Thorium-232	0.74	PCI/G	0.14			2.1	10/28/2004
B23B	Actinium-227	0.38	PCI/G	0.38	U		4.6	10/28/2004
B23B	Americium-241	0.10	PCI/G	0.10	U		63	10/28/2004
B23B	Cesium-137	0.10	PCI/G	0.08			3.8	10/28/2004
B23B	Cobalt-60	0.10	PCI/G	0.10	U		0.7	10/28/2004
B23B	Lead-210	0.99	PCI/G	0.94			7.4	10/28/2004
B23B	Plutonium-238	1.19	PCI/G	0.01			55	10/28/2004
B23B	Plutonium-239/240	0.01	PCI/G	0.01	U		62	10/28/2004
B23B	Radium-226	1.88	PCI/G	1.02			2.9	10/28/2004
B23B	Thorium-227	0.06	PCI/G	0.03			20.9	10/28/2004
B23B	Thorium-228	1.15	PCI/G	0.03			2.6	10/28/2004
B23B	Thorium-230	0.86	PCI/G	0.03			2.8	10/28/2004
B23B	Thorium-232	0.87	PCI/G	0.09			2.1	10/28/2004
B24	Actinium-227	0.22	PCI/G	0.22	U		4.6	10/28/2004
B24	Americium-241	0.06	PCI/G	0.06			63	10/28/2004
B24	Cesium-137	0.06	PCI/G	0.04			3.8	10/28/2004
B24	Cobalt-60	0.08	PCI/G	0.08	U		0.7	10/28/2004
B24	Lead-210	1.01	PCI/G	0.60			7.4	10/28/2004
B24	Plutonium-238	25.71	PCI/G	0.05			55	10/28/2004
B24	Plutonium-239/240	0.10	PCI/G	0.01			62	10/28/2004
B24	Radium-226	1.06	PCI/G	0.71			2.9	10/28/2004
B24	Thorium-227	0.03	PCI/G	0.03	U		20.9	10/28/2004
B24	Thorium-228	0.66	PCI/G	0.12			2.6	10/28/2004
B24	Thorium-230	0.91	PCI/G	0.12			2.8	10/28/2004
B24	Thorium-232	0.59	PCI/G	0.03			2.1	10/28/2004
B35	Actinium-227	0.31	PCI/G	0.31	U		4.6	10/26/2004
B35	Americium-241	0.08	PCI/G	0.08	U		63	10/26/2004

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
B35	Cesium-137	0.06	PCI/G	0.06	U		3.8	10/26/2004
B35	Cobalt-60	0.06	PCI/G	0.06	U		0.7	10/26/2004
B35	Lead-210	1.46	PCI/G	0.83			7.4	10/26/2004
B35	Plutonium-238	10.35	PCI/G	0.03			55	10/26/2004
B35	Plutonium-239/240	0.03	PCI/G	0.03	U		62	10/26/2004
B35	Radium-226	1.62	PCI/G	0.78			2.9	10/26/2004
B35	Thorium-227	0.17	PCI/G	0.02			20.9	10/26/2004
B35	Thorium-228	1.04	PCI/G	0.02			2.6	10/26/2004
B35	Thorium-230	0.94	PCI/G	0.05			2.8	10/26/2004
B35	Thorium-232	0.84	PCI/G	0.05			2.1	10/26/2004
B37	Actinium-227	0.20	PCI/G	0.20	U		4.6	10/26/2004
B37	Americium-241	0.05	PCI/G	0.05	U		63	10/26/2004
B37	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004
B37	Cobalt-60	0.06	PCI/G	0.06	U		0.7	10/26/2004
B37	Lead-210	1.61	PCI/G	0.58			7.4	10/26/2004
B37	Plutonium-238	0.43	PCI/G	0.01			55	10/26/2004
B37	Plutonium-239/240	0.01	PCI/G	0.01	U		62	10/26/2004
B37	Radium-226	1.09	PCI/G	0.69			2.9	10/26/2004
B37	Thorium-227	0.07	PCI/G	0.05			20.9	10/26/2004
B37	Thorium-228	0.29	PCI/G	0.02			2.6	10/26/2004
B37	Thorium-230	0.43	PCI/G	0.02			2.8	10/26/2004
B37	Thorium-232	0.18	PCI/G	0.04			2.1	10/26/2004
B39	Actinium-227	0.30	PCI/G	0.30	U		4.6	10/26/2004
B39	Americium-241	0.13	PCI/G	0.07			63	10/26/2004
B39	Cesium-137	0.15	PCI/G	0.06			3.8	10/26/2004
B39	Cobalt-60	0.09	PCI/G	0.09	U		0.7	10/26/2004
B39	Lead-210	1.82	PCI/G	0.76			7.4	10/26/2004
B39	Plutonium-238	50.16	PCI/G	0.01			55	10/26/2004
B39	Plutonium-239/240	0.16	PCI/G	0.04			62	10/26/2004
B39	Radium-226	1.82	PCI/G	0.84			2.9	10/26/2004
B39	Thorium-227	0.16	PCI/G	0.05			20.9	10/26/2004
B39	Thorium-228	0.88	PCI/G	0.05			2.6	10/26/2004
B39	Thorium-230	0.99	PCI/G	0.05			2.8	10/26/2004
B39	Thorium-232	0.77	PCI/G	0.02			2.1	10/26/2004
B41	Actinium-227	0.28	PCI/G	0.28	U		4.6	10/26/2004
B41	Americium-241	0.07	PCI/G	0.07	U		63	10/26/2004
B41	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/26/2004
B41	Cobalt-60	0.07	PCI/G	0.07	U		0.7	10/26/2004
B41	Lead-210	1.78	PCI/G	0.67			7.4	10/26/2004
B41	Plutonium-238	11.27	PCI/G	0.02			55	10/26/2004
B41	Plutonium-239/240	0.04	PCI/G	0.04	U		62	10/26/2004
B41	Radium-226	0.83	PCI/G	0.83	U		2.9	10/26/2004
B41	Thorium-227	0.09	PCI/G	0.04			20.9	10/26/2004
B41	Thorium-228	0.46	PCI/G	0.04			2.6	10/26/2004
B41	Thorium-230	0.67	PCI/G	0.04			2.8	10/26/2004
B41	Thorium-232	0.44	PCI/G	0.02			2.1	10/26/2004
B43	Actinium-227	0.27	PCI/G	0.27	U		4.6	10/26/2004
B43	Americium-241	0.07	PCI/G	0.07	U		63	10/26/2004
B43	Cesium-137	0.06	PCI/G	0.04			3.8	10/26/2004
B43	Cobalt-60	0.08	PCI/G	0.08	U		0.7	10/26/2004
B43	Lead-210	1.66	PCI/G	0.63			7.4	10/26/2004
B43	Plutonium-238	0.60	PCI/G	0.01			55	10/26/2004
B43	Plutonium-239/240	0.01	PCI/G	0.01	U		62	10/26/2004
B43	Radium-226	1.30	PCI/G	0.72			2.9	10/26/2004
B43	Thorium-227	0.32	PCI/G	0.05			20.9	10/26/2004
B43	Thorium-228	0.93	PCI/G	0.15			2.6	10/26/2004
B43	Thorium-230	1.17	PCI/G	0.05			2.8	10/26/2004
B43	Thorium-232	0.74	PCI/G	0.05			2.1	10/26/2004
B44	Actinium-227	0.29	PCI/G	0.29	U		4.6	10/26/2004
B44	Americium-241	0.08	PCI/G	0.08	U		63	10/26/2004
B44	Cesium-137	0.23	PCI/G	0.06			3.8	10/26/2004
B44	Cobalt-60	0.10	PCI/G	0.10	U		0.7	10/26/2004
B44	Lead-210	2.07	PCI/G	0.87			7.4	10/26/2004
B44	Plutonium-238	9.30	PCI/G	0.01			55	10/26/2004
B44	Plutonium-239/240	0.04	PCI/G	0.01			62	10/26/2004
B44	Radium-226	1.18	PCI/G	0.93			2.9	10/26/2004
B44	Thorium-227	0.32	PCI/G	0.07			20.9	10/26/2004

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
B44	Thorium-228	0.38	PCI/G	0.07			2.6	10/26/2004
B44	Thorium-230	0.89	PCI/G	0.07			2.8	10/26/2004
B44	Thorium-232	0.78	PCI/G	0.07			2.1	10/26/2004
B45	Actinium-227	0.27	PCI/G	0.27	U		4.6	10/26/2004
B45	Americium-241	0.07	PCI/G	0.07	U		63	10/26/2004
B45	Cesium-137	0.07	PCI/G	0.07			3.8	10/26/2004
B45	Cobalt-60	0.08	PCI/G	0.08	U		0.7	10/26/2004
B45	Lead-210	1.47	PCI/G	0.77			7.4	10/26/2004
B45	Plutonium-238	1.14	PCI/G	0.05			55	10/26/2004
B45	Plutonium-239/240	0.02	PCI/G	0.01			62	10/26/2004
B45	Radium-226	1.15	PCI/G	0.90			2.9	10/26/2004
B45	Thorium-227	0.25	PCI/G	0.05			20.9	10/26/2004
B45	Thorium-228	1.14	PCI/G	0.16			2.6	10/26/2004
B45	Thorium-230	0.94	PCI/G	0.16			2.8	10/26/2004
B45	Thorium-232	1.25	PCI/G	0.05			2.1	10/26/2004
B46	Actinium-227	0.31	PCI/G	0.31	U		4.6	10/26/2004
B46	Americium-241	0.08	PCI/G	0.08	U		63	10/26/2004
B46	Cesium-137	0.07	PCI/G	0.05			3.8	10/26/2004
B46	Cobalt-60	0.09	PCI/G	0.09	U		0.7	10/26/2004
B46	Lead-210	2.64	PCI/G	0.81			7.4	10/26/2004
B46	Plutonium-238	6.74	PCI/G	0.01			55	10/26/2004
B46	Plutonium-239/240	0.03	PCI/G	0.01			62	10/26/2004
B46	Radium-226	1.78	PCI/G	0.85			2.9	10/26/2004
B46	Thorium-227	0.21	PCI/G	0.04			20.9	10/26/2004
B46	Thorium-228	0.66	PCI/G	0.04			2.6	10/26/2004
B46	Thorium-230	1.07	PCI/G	0.11			2.8	10/26/2004
B46	Thorium-232	0.75	PCI/G	0.04			2.1	10/26/2004
B47	Actinium-227	0.30	PCI/G	0.30	U		4.6	10/26/2004
B47	Americium-241	0.09	PCI/G	0.09	U		63	10/26/2004
B47	Cesium-137	0.49	PCI/G	0.06			3.8	10/26/2004
B47	Cobalt-60	0.06	PCI/G	0.06	U		0.7	10/26/2004
B47	Lead-210	4.43	PCI/G	0.75			7.4	10/26/2004
B47	Plutonium-238	3.18	PCI/G	0.05			55	10/26/2004
B47	Plutonium-239/240	0.04	PCI/G	0.04	U		62	10/26/2004
B47	Radium-226	1.39	PCI/G	0.87			2.9	10/26/2004
B47	Thorium-227	0.14	PCI/G	0.01			20.9	10/26/2004
B47	Thorium-228	0.95	PCI/G	0.01			2.6	10/26/2004
B47	Thorium-230	1.08	PCI/G	0.01			2.8	10/26/2004
B47	Thorium-232	0.87	PCI/G	0.01			2.1	10/26/2004
B48	Actinium-227	0.34	PCI/G	0.34	U		4.6	10/28/2004
B48	Americium-241	0.09	PCI/G	0.09	U		63	10/28/2004
B48	Cesium-137	0.44	PCI/G	0.06			3.8	10/28/2004
B48	Cobalt-60	0.07	PCI/G	0.07	U		0.7	10/28/2004
B48	Lead-210	3.05	PCI/G	0.93			7.4	10/28/2004
B48	Plutonium-238	0.91	PCI/G	0.01			55	10/28/2004
B48	Plutonium-239/240	0.03	PCI/G	0.01			62	10/28/2004
B48	Radium-226	1.94	PCI/G	0.95			2.9	10/28/2004
B48	Thorium-227	0.26	PCI/G	0.04			20.9	10/28/2004
B48	Thorium-228	0.81	PCI/G	0.04			2.6	10/28/2004
B48	Thorium-230	1.29	PCI/G	0.04			2.8	10/28/2004
B48	Thorium-232	0.88	PCI/G	0.04			2.1	10/28/2004
B49	Actinium-227	0.36	PCI/G	0.36	U		4.6	10/28/2004
B49	Americium-241	0.10	PCI/G	0.10	U		63	10/28/2004
B49	Cesium-137	0.41	PCI/G	0.07			3.8	10/28/2004
B49	Cobalt-60	0.08	PCI/G	0.08	U		0.7	10/28/2004
B49	Lead-210	2.30	PCI/G	0.91			7.4	10/28/2004
B49	Plutonium-238	2.64	PCI/G	0.01			55	10/28/2004
B49	Plutonium-239/240	0.03	PCI/G	0.03	U		62	10/28/2004
B49	Radium-226	2.75	PCI/G	0.96			2.9	10/28/2004
B49	Thorium-227	0.30	PCI/G	0.15			20.9	10/28/2004
B49	Thorium-228	0.91	PCI/G	0.05			2.6	10/28/2004
B49	Thorium-230	1.37	PCI/G	0.15			2.8	10/28/2004
B49	Thorium-232	1.03	PCI/G	0.05			2.1	10/28/2004
B50	Actinium-227	0.20	PCI/G	0.20	U		4.6	10/28/2004
B50	Americium-241	0.05	PCI/G	0.05	U		63	10/28/2004
B50	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/28/2004
B50	Cobalt-60	0.05	PCI/G	0.05	U		0.7	10/28/2004

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
B50	Lead-210	0.49	PCI/G	0.49	U		7.4	10/28/2004
B50	Plutonium-238	38.37	PCI/G	0.01			55	10/28/2004
B50	Plutonium-239/240	0.11	PCI/G	0.04			62	10/28/2004
B50	Radium-226	0.74	PCI/G	0.60			2.9	10/28/2004
B50	Thorium-227	0.13	PCI/G	0.04			20.9	10/28/2004
B50	Thorium-228	0.70	PCI/G	0.04			2.6	10/28/2004
B50	Thorium-230	0.62	PCI/G	0.04			2.8	10/28/2004
B50	Thorium-232	0.43	PCI/G	0.01			2.1	10/28/2004
B51	Actinium-227	0.20	PCI/G	0.20	U		4.6	10/28/2004
B51	Americium-241	0.05	PCI/G	0.05	U		63	10/28/2004
B51	Cesium-137	0.04	PCI/G	0.04	U		3.8	10/28/2004
B51	Cobalt-60	0.07	PCI/G	0.07	U		0.7	10/28/2004
B51	Lead-210	0.81	PCI/G	0.52			7.4	10/28/2004
B51	Plutonium-238	27.16	PCI/G	0.05			55	10/28/2004
B51	Plutonium-239/240	0.08	PCI/G	0.08	U		62	10/28/2004
B51	Radium-226	0.85	PCI/G	0.60			2.9	10/28/2004
B51	Thorium-227	0.18	PCI/G	0.01			20.9	10/28/2004
B51	Thorium-228	0.70	PCI/G	0.05			2.6	10/28/2004
B51	Thorium-230	0.64	PCI/G	0.01			2.8	10/28/2004
B51	Thorium-232	0.59	PCI/G	0.01			2.1	10/28/2004
PRS363-001	Cobalt-60	0.08	PCI/G	0.08	U		0.7	06/15/2004
PRS363-001	Lead-210	1.17	PCI/G	1.17	U		7.4	06/15/2004
PRS363-001	Plutonium-238	23.81	PCI/G	23.81	U		55	06/15/2004
PRS363-001	Radium-226	1.20	PCI/G	1.02			2.9	06/15/2004
PRS363-001	Thorium-230	8.44	PCI/G	8.44	U		2.8	06/15/2004
PRS363-001	Thorium-232	0.56	PCI/G	0.23			2.1	06/15/2004
PRS363-001	Actinium-227	0.40	PCI/G	0.40	U		4.6	06/15/2004
PRS363-001	Americium-241	0.09	PCI/G	0.09	U		63	06/15/2004
PRS363-001	Cesium-137	0.07	PCI/G	0.07	U		3.8	06/15/2004
PRS363-002	Cobalt-60	0.05	PCI/G	0.05	U		0.7	06/15/2004
PRS363-002	Lead-210	1.22	PCI/G	0.84			7.4	06/15/2004
PRS363-002	Plutonium-238	18.81	PCI/G	18.81	U		55	06/15/2004
PRS363-002	Radium-226	1.22	PCI/G	1.08			2.9	06/15/2004
PRS363-002	Thorium-230	7.15	PCI/G	7.15	U		2.8	06/15/2004
PRS363-002	Thorium-232	0.49	PCI/G	0.12			2.1	06/15/2004
PRS363-002	Actinium-227	0.32	PCI/G	0.32	U		4.6	06/15/2004
PRS363-002	Americium-241	0.10	PCI/G	0.10	U		63	06/15/2004
PRS363-002	Cesium-137	0.06	PCI/G	0.05			3.8	06/15/2004
PRS67-001	Plutonium-238	0.57	PCI/G	0.07			55	01/28/2005
PRS67-001	Plutonium-239/240	0.06	PCI/G	0.06	U		62	01/28/2005
PRS67-001	Thorium-227	0.17	PCI/G	0.04			20.9	01/28/2005
PRS67-001	Thorium-228	0.90	PCI/G	0.05			2.6	01/28/2005
PRS67-001	Thorium-230	0.86	PCI/G	0.02			2.8	01/28/2005
PRS67-001	Thorium-232	1.02	PCI/G	0.02			2.1	01/28/2005
PRS67-002	Plutonium-238	2.70	PCI/G	0.05			55	01/28/2005
PRS67-002	Plutonium-239/240	0.05	PCI/G	0.05	U		62	01/28/2005
PRS67-002	Thorium-227	0.14	PCI/G	0.04			20.9	01/28/2005
PRS67-002	Thorium-228	0.86	PCI/G	0.01			2.6	01/28/2005
PRS67-002	Thorium-230	0.95	PCI/G	0.01			2.8	01/28/2005
PRS67-002	Thorium-232	0.74	PCI/G	0.01			2.1	01/28/2005
PRS67-003	Plutonium-238	12.49	PCI/G	0.04			55	01/28/2005
PRS67-003	Plutonium-239/240	0.03	PCI/G	0.02			62	01/28/2005
PRS67-003	Thorium-227	0.19	PCI/G	0.01			20.9	01/28/2005
PRS67-003	Thorium-228	0.79	PCI/G	0.04			2.6	01/28/2005
PRS67-003	Thorium-230	0.83	PCI/G	0.01			2.8	01/28/2005
PRS67-003	Thorium-232	0.57	PCI/G	0.01			2.1	01/28/2005
PRS67-004	Plutonium-238	26.82	PCI/G	0.04			55	01/28/2005
PRS67-004	Plutonium-239/240	0.16	PCI/G	0.02			62	01/28/2005
PRS67-004	Thorium-227	0.04	PCI/G	0.02			20.9	01/28/2005
PRS67-004	Thorium-228	1.11	PCI/G	0.04			2.6	01/28/2005
PRS67-004	Thorium-230	1.12	PCI/G	0.02			2.8	01/28/2005
PRS67-004	Thorium-232	0.94	PCI/G	0.02			2.1	01/28/2005
PRS67-005	Plutonium-238	0.87	PCI/G	0.05			55	01/28/2005
PRS67-005	Plutonium-239/240	0.02	PCI/G	0.01			62	01/28/2005
PRS67-005	Thorium-227	0.34	PCI/G	0.04			20.9	01/28/2005
PRS67-005	Thorium-228	1.10	PCI/G	0.10			2.6	01/28/2005
PRS67-005	Thorium-230	0.83	PCI/G	0.10			2.8	01/28/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
PRS67-005	Thorium-232	0.90	PCI/G	0.04			2.1	01/28/2005
PRS67-006	Plutonium-238	28.61	PCI/G	0.02			55	01/28/2005
PRS67-006	Plutonium-239/240	0.14	PCI/G	0.02			62	01/28/2005
PRS67-006	Thorium-227	0.20	PCI/G	0.04			20.9	01/28/2005
PRS67-006	Thorium-228	1.29	PCI/G	0.04			2.6	01/28/2005
PRS67-006	Thorium-230	1.01	PCI/G	0.04			2.8	01/28/2005
PRS67-006	Thorium-232	1.15	PCI/G	0.04			2.1	01/28/2005
PRS67-008	Plutonium-238	9.98	PCI/G	0.02			55	01/28/2005
PRS67-008	Plutonium-239/240	0.05	PCI/G	0.05			62	01/28/2005
PRS67-008	Thorium-227	0.31	PCI/G	0.09			20.9	01/28/2005
PRS67-008	Thorium-228	1.12	PCI/G	0.12			2.6	01/28/2005
PRS67-008	Thorium-230	1.29	PCI/G	0.09			2.8	01/28/2005
PRS67-008	Thorium-232	1.11	PCI/G	0.03			2.1	01/28/2005
PRS67-009	Plutonium-238	41.64	PCI/G	0.01			55	01/28/2005
PRS67-009	Plutonium-239/240	0.05	PCI/G	0.04			62	01/28/2005
PRS67-009	Thorium-227	0.07	PCI/G	0.03			20.9	01/28/2005
PRS67-009	Thorium-228	0.75	PCI/G	0.11			2.6	01/28/2005
PRS67-009	Thorium-230	0.89	PCI/G	0.09			2.8	01/28/2005
PRS67-009	Thorium-232	0.64	PCI/G	0.11			2.1	01/28/2005
PRS67-011	Plutonium-238	12.74	PCI/G	0.04			55	01/28/2005
PRS67-011	Plutonium-239/240	0.04	PCI/G	0.01			62	01/28/2005
PRS67-011	Thorium-227	0.18	PCI/G	0.03			20.9	01/28/2005
PRS67-011	Thorium-228	0.92	PCI/G	0.03			2.6	01/28/2005
PRS67-011	Thorium-230	0.94	PCI/G	0.03			2.8	01/28/2005
PRS67-011	Thorium-232	0.86	PCI/G	0.03			2.1	01/28/2005
PRS67-012	Plutonium-238	2.09	PCI/G	0.03			55	01/28/2005
PRS67-012	Plutonium-239/240	0.06	PCI/G	0.03			62	01/28/2005
PRS67-012	Thorium-227	0.26	PCI/G	0.07			20.9	01/28/2005
PRS67-012	Thorium-228	0.88	PCI/G	0.02			2.6	01/28/2005
PRS67-012	Thorium-230	1.49	PCI/G	0.02			2.8	01/28/2005
PRS67-012	Thorium-232	0.75	PCI/G	0.02			2.1	01/28/2005
PRS67-015	Plutonium-238	12.81	PCI/G	0.05			55	01/28/2005
PRS67-015	Plutonium-239/240	0.07	PCI/G	0.01			62	01/28/2005
PRS67-015	Thorium-227	0.30	PCI/G	0.06			20.9	01/28/2005
PRS67-015	Thorium-228	0.86	PCI/G	0.02			2.6	01/28/2005
PRS67-015	Thorium-230	1.43	PCI/G	0.02			2.8	01/28/2005
PRS67-015	Thorium-232	0.82	PCI/G	0.02			2.1	01/28/2005
PRS67-016	Plutonium-238	9.52	PCI/G	0.01			55	01/28/2005
PRS67-016	Plutonium-239/240	0.06	PCI/G	0.01			62	01/28/2005
PRS67-016	Thorium-227	0.08	PCI/G	0.08	U		20.9	01/28/2005
PRS67-016	Thorium-228	1.00	PCI/G	0.12			2.6	01/28/2005
PRS67-016	Thorium-230	1.49	PCI/G	0.03			2.8	01/28/2005
PRS67-016	Thorium-232	0.94	PCI/G	0.03			2.1	01/28/2005
PRS67-025	Plutonium-238	1.16	PCI/G	0.07			55	01/28/2005
PRS67-025	Plutonium-239/240	0.05	PCI/G	0.05	U		62	01/28/2005
PRS67-025	Thorium-227	0.13	PCI/G	0.02			20.9	01/28/2005
PRS67-025	Thorium-228	0.85	PCI/G	0.02			2.6	01/28/2005
PRS67-025	Thorium-230	1.28	PCI/G	0.02			2.8	01/28/2005
PRS67-025	Thorium-232	0.89	PCI/G	0.02			2.1	01/28/2005
PRS67-034	Plutonium-238	10.15	PCI/G	0.01			55	01/28/2005
PRS67-034	Plutonium-239/240	0.03	PCI/G	0.01			62	01/28/2005
PRS67-034	Thorium-227	0.09	PCI/G	0.04			20.9	01/28/2005
PRS67-034	Thorium-228	0.61	PCI/G	0.01			2.6	01/28/2005
PRS67-034	Thorium-230	0.74	PCI/G	0.01			2.8	01/28/2005
PRS67-034	Thorium-232	0.63	PCI/G	0.01			2.1	01/28/2005
PRS67-035	Plutonium-238	16.14	PCI/G	0.02			55	01/28/2005
PRS67-035	Plutonium-239/240	0.07	PCI/G	0.04			62	01/28/2005
PRS67-035	Thorium-227	0.15	PCI/G	0.10			20.9	01/28/2005
PRS67-035	Thorium-228	0.62	PCI/G	0.15			2.6	01/28/2005
PRS67-035	Thorium-230	1.28	PCI/G	0.04			2.8	01/28/2005
PRS67-035	Thorium-232	0.54	PCI/G	0.04			2.1	01/28/2005
PRS67-036	Plutonium-238	10.91	PCI/G	0.01			55	01/28/2005
PRS67-036	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/28/2005
PRS67-036	Thorium-227	0.48	PCI/G	0.12			20.9	01/28/2005
PRS67-036	Thorium-228	0.54	PCI/G	0.04			2.6	01/28/2005
PRS67-036	Thorium-230	0.92	PCI/G	0.04			2.8	01/28/2005
PRS67-036	Thorium-232	0.49	PCI/G	0.04			2.1	01/28/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
PRS67-037	Plutonium-238	3.70	PCI/G	0.07			55	01/29/2005
PRS67-037	Plutonium-239/240	0.02	PCI/G	0.02	U		62	01/29/2005
PRS67-037	Thorium-227	0.36	PCI/G	0.10			20.9	01/29/2005
PRS67-037	Thorium-228	0.58	PCI/G	0.04			2.6	01/29/2005
PRS67-037	Thorium-230	0.69	PCI/G	0.04			2.8	01/29/2005
PRS67-037	Thorium-232	0.57	PCI/G	0.04			2.1	01/29/2005
PRS67-038	Plutonium-238	9.30	PCI/G	0.04			55	01/29/2005
PRS67-038	Plutonium-239/240	0.03	PCI/G	0.02			62	01/29/2005
PRS67-038	Thorium-227	0.18	PCI/G	0.02			20.9	01/29/2005
PRS67-038	Thorium-228	0.69	PCI/G	0.05			2.6	01/29/2005
PRS67-038	Thorium-230	0.94	PCI/G	0.02			2.8	01/29/2005
PRS67-038	Thorium-232	0.61	PCI/G	0.02			2.1	01/29/2005
PRS67-040	Plutonium-238	0.21	PCI/G	0.07			55	01/29/2005
PRS67-040	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005
PRS67-040	Thorium-227	0.28	PCI/G	0.02			20.9	01/29/2005
PRS67-040	Thorium-228	0.33	PCI/G	0.02			2.6	01/29/2005
PRS67-040	Thorium-230	0.77	PCI/G	0.07			2.8	01/29/2005
PRS67-040	Thorium-232	0.34	PCI/G	0.02			2.1	01/29/2005
PRS67-041	Plutonium-238	24.00	PCI/G	0.04			55	01/29/2005
PRS67-041	Plutonium-239/240	0.06	PCI/G	0.02			62	01/29/2005
PRS67-041	Thorium-227	0.50	PCI/G	0.06			20.9	01/29/2005
PRS67-041	Thorium-228	1.02	PCI/G	0.17			2.6	01/29/2005
PRS67-041	Thorium-230	0.97	PCI/G	0.06			2.8	01/29/2005
PRS67-041	Thorium-232	0.64	PCI/G	0.06			2.1	01/29/2005
PRS67-042	Plutonium-238	28.47	PCI/G	0.04			55	01/29/2005
PRS67-042	Plutonium-239/240	0.11	PCI/G	0.02			62	01/29/2005
PRS67-042	Thorium-227	0.60	PCI/G	0.21			20.9	01/29/2005
PRS67-042	Thorium-228	0.37	PCI/G	0.26			2.6	01/29/2005
PRS67-042	Thorium-230	0.99	PCI/G	0.21			2.8	01/29/2005
PRS67-042	Thorium-232	0.54	PCI/G	0.08			2.1	01/29/2005
PRS67-043	Plutonium-238	5.64	PCI/G	0.02			55	01/29/2005
PRS67-043	Plutonium-239/240	0.02	PCI/G	0.02	U		62	01/29/2005
PRS67-043	Thorium-227	0.17	PCI/G	0.02			20.9	01/29/2005
PRS67-043	Thorium-228	0.45	PCI/G	0.05			2.6	01/29/2005
PRS67-043	Thorium-230	0.58	PCI/G	0.05			2.8	01/29/2005
PRS67-043	Thorium-232	0.38	PCI/G	0.05			2.1	01/29/2005
PRS67-045	Plutonium-238	25.52	PCI/G	0.03			55	01/29/2005
PRS67-045	Plutonium-239/240	0.12	PCI/G	0.03			62	01/29/2005
PRS67-045	Thorium-227	0.26	PCI/G	0.04			20.9	01/29/2005
PRS67-045	Thorium-228	0.73	PCI/G	0.04			2.6	01/29/2005
PRS67-045	Thorium-230	0.99	PCI/G	0.04			2.8	01/29/2005
PRS67-045	Thorium-232	0.54	PCI/G	0.04			2.1	01/29/2005
PRS67-046	Plutonium-238	16.03	PCI/G	0.05			55	01/29/2005
PRS67-046	Plutonium-239/240	0.06	PCI/G	0.02			62	01/29/2005
PRS67-046	Thorium-227	0.22	PCI/G	0.03			20.9	01/29/2005
PRS67-046	Thorium-228	0.88	PCI/G	0.03			2.6	01/29/2005
PRS67-046	Thorium-230	2.10	PCI/G	0.08			2.8	01/29/2005
PRS67-046	Thorium-232	0.91	PCI/G	0.03			2.1	01/29/2005
PRS67-047	Plutonium-238	16.98	PCI/G	0.04			55	01/29/2005
PRS67-047	Plutonium-239/240	0.04	PCI/G	0.01			62	01/29/2005
PRS67-047	Thorium-227	0.14	PCI/G	0.05			20.9	01/29/2005
PRS67-047	Thorium-228	0.80	PCI/G	0.02			2.6	01/29/2005
PRS67-047	Thorium-230	0.79	PCI/G	0.02			2.8	01/29/2005
PRS67-047	Thorium-232	0.76	PCI/G	0.02			2.1	01/29/2005
PRS67-048	Plutonium-238	19.62	PCI/G	0.05			55	01/29/2005
PRS67-048	Plutonium-239/240	0.05	PCI/G	0.01			62	01/29/2005
PRS67-048	Thorium-227	0.14	PCI/G	0.06			20.9	01/29/2005
PRS67-048	Thorium-228	0.92	PCI/G	0.02			2.6	01/29/2005
PRS67-048	Thorium-230	1.03	PCI/G	0.06			2.8	01/29/2005
PRS67-048	Thorium-232	0.89	PCI/G	0.02			2.1	01/29/2005
PRS67-049	Plutonium-238	0.66	PCI/G	0.04			55	01/29/2005
PRS67-049	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005
PRS67-049	Thorium-227	0.11	PCI/G	0.07			20.9	01/29/2005
PRS67-049	Thorium-228	0.86	PCI/G	0.09			2.6	01/29/2005
PRS67-049	Thorium-230	1.27	PCI/G	0.03			2.8	01/29/2005
PRS67-049	Thorium-232	0.97	PCI/G	0.07			2.1	01/29/2005
PRS67-050	Plutonium-238	1.23	PCI/G	0.02			55	01/29/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
PRS67-050	Plutonium-239/240	0.02	PCI/G	0.02			62	01/29/2005
PRS67-050	Thorium-227	0.19	PCI/G	0.07			20.9	01/29/2005
PRS67-050	Thorium-228	1.06	PCI/G	0.03			2.6	01/29/2005
PRS67-050	Thorium-230	1.66	PCI/G	0.03			2.8	01/29/2005
PRS67-050	Thorium-232	0.94	PCI/G	0.03			2.1	01/29/2005
PRS67-051	Plutonium-238	0.94	PCI/G	0.01			55	01/29/2005
PRS67-051	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005
PRS67-051	Thorium-227	0.27	PCI/G	0.15			20.9	01/29/2005
PRS67-051	Thorium-228	0.68	PCI/G	0.22			2.6	01/29/2005
PRS67-051	Thorium-230	1.08	PCI/G	0.06			2.8	01/29/2005
PRS67-051	Thorium-232	0.54	PCI/G	0.06			2.1	01/29/2005
PRS67-052	Plutonium-238	8.97	PCI/G	0.06			55	01/29/2005
PRS67-052	Plutonium-239/240	0.04	PCI/G	0.04	U		62	01/29/2005
PRS67-052	Thorium-227	0.33	PCI/G	0.05			20.9	01/29/2005
PRS67-052	Thorium-228	0.73	PCI/G	0.05			2.6	01/29/2005
PRS67-052	Thorium-230	0.85	PCI/G	0.05			2.8	01/29/2005
PRS67-052	Thorium-232	0.61	PCI/G	0.14			2.1	01/29/2005
PRS67-059	Plutonium-238	33.56	PCI/G	0.01			55	01/29/2005
PRS67-059	Plutonium-239/240	0.08	PCI/G	0.04			62	01/29/2005
PRS67-059	Thorium-227	0.40	PCI/G	0.07			20.9	01/29/2005
PRS67-059	Thorium-228	1.19	PCI/G	0.07			2.6	01/29/2005
PRS67-059	Thorium-230	1.01	PCI/G	0.19			2.8	01/29/2005
PRS67-059	Thorium-232	1.11	PCI/G	0.07			2.1	01/29/2005
PRS67-060	Plutonium-238	24.82	PCI/G	0.07			55	01/29/2005
PRS67-060	Plutonium-239/240	0.07	PCI/G	0.04			62	01/29/2005
PRS67-060	Thorium-227	0.22	PCI/G	0.10			20.9	01/29/2005
PRS67-060	Thorium-228	0.79	PCI/G	0.15			2.6	01/29/2005
PRS67-060	Thorium-230	0.98	PCI/G	0.04			2.8	01/29/2005
PRS67-060	Thorium-232	0.98	PCI/G	0.04			2.1	01/29/2005
PRS67-063	Plutonium-238	1.23	PCI/G	0.03			55	01/31/2005
PRS67-063	Plutonium-239/240	0.01	PCI/G	0.01	U		62	01/31/2005
PRS67-063	Thorium-227	0.09	PCI/G	0.02			20.9	01/31/2005
PRS67-063	Thorium-228	0.33	PCI/G	0.04			2.6	01/31/2005
PRS67-063	Thorium-230	0.55	PCI/G	0.02			2.8	01/31/2005
PRS67-063	Thorium-232	0.35	PCI/G	0.02			2.1	01/31/2005
PRS67-066	Plutonium-238	0.79	PCI/G	0.01			55	01/31/2005
PRS67-066	Plutonium-239/240	0.04	PCI/G	0.01			62	01/31/2005
PRS67-066	Thorium-227	0.14	PCI/G	0.07			20.9	01/31/2005
PRS67-066	Thorium-228	0.93	PCI/G	0.09			2.6	01/31/2005
PRS67-066	Thorium-230	0.98	PCI/G	0.07			2.8	01/31/2005
PRS67-066	Thorium-232	0.99	PCI/G	0.03			2.1	01/31/2005
PRS67-074	Plutonium-238	40.76	PCI/G	0.07			55	01/31/2005
PRS67-074	Plutonium-239/240	0.14	PCI/G	0.02			62	01/31/2005
PRS67-074	Thorium-227	0.25	PCI/G	0.12			20.9	01/31/2005
PRS67-074	Thorium-228	0.58	PCI/G	0.12			2.6	01/31/2005
PRS67-074	Thorium-230	0.71	PCI/G	0.05			2.8	01/31/2005
PRS67-074	Thorium-232	0.68	PCI/G	0.05			2.1	01/31/2005
PRS67-075	Plutonium-238	16.60	PCI/G	0.02			55	01/31/2005
PRS67-075	Plutonium-239/240	0.06	PCI/G	0.02			62	01/31/2005
PRS67-075	Thorium-227	0.22	PCI/G	0.12			20.9	01/31/2005
PRS67-075	Thorium-228	0.59	PCI/G	0.12			2.6	01/31/2005
PRS67-075	Thorium-230	0.77	PCI/G	0.05			2.8	01/31/2005
PRS67-075	Thorium-232	0.57	PCI/G	0.05			2.1	01/31/2005
PRS67-076	Plutonium-238	9.70	PCI/G	0.03			55	02/02/2005
PRS67-076	Plutonium-239/240	0.46	PCI/G	0.02			62	02/02/2005
PRS67-076	Thorium-228	1.49	PCI/G	0.03			2.6	02/02/2005
PRS67-076	Thorium-230	0.94	PCI/G	0.02			2.8	02/02/2005
PRS67-076	Thorium-232	1.20	PCI/G	0.02			2.1	02/02/2005
PRS67-077	Plutonium-238	11.00	PCI/G	0.03			55	02/02/2005
PRS67-077	Plutonium-239/240	0.12	PCI/G	0.02			62	02/02/2005
PRS67-077	Thorium-228	0.48	PCI/G	0.03			2.6	02/02/2005
PRS67-077	Thorium-230	0.71	PCI/G	0.02			2.8	02/02/2005
PRS67-077	Thorium-232	0.38	PCI/G	0.02			2.1	02/02/2005
PRS67-078	Plutonium-238	2.55	PCI/G	0.04			55	02/02/2005
PRS67-078	Plutonium-239/240	0.04	PCI/G	0.02	J		62	02/02/2005
PRS67-078	Thorium-228	0.43	PCI/G	0.05			2.6	02/02/2005
PRS67-078	Thorium-230	0.62	PCI/G	0.02			2.8	02/02/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
PRS67-078	Thorium-232	0.35	PCI/G	0.02			2.1	02/02/2005
PRS67-079	Plutonium-238	2.10	PCI/G	0.04			55	02/02/2005
PRS67-079	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/02/2005
PRS67-079	Thorium-228	0.38	PCI/G	0.05			2.6	02/02/2005
PRS67-079	Thorium-230	0.56	PCI/G	0.02			2.8	02/02/2005
PRS67-079	Thorium-232	0.37	PCI/G	0.01			2.1	02/02/2005
PRS67-080	Plutonium-238	28.30	PCI/G	0.04			55	02/02/2005
PRS67-080	Plutonium-239/240	0.32	PCI/G	0.03			62	02/02/2005
PRS67-080	Thorium-228	1.01	PCI/G	0.03			2.6	02/02/2005
PRS67-080	Thorium-230	0.83	PCI/G	0.02			2.8	02/02/2005
PRS67-080	Thorium-232	0.68	PCI/G	0.02			2.1	02/02/2005
PRS67-081	Plutonium-238	1.16	PCI/G	0.01			55	02/02/2005
PRS67-081	Plutonium-239/240	0.03	PCI/G	0.01	J		62	02/02/2005
PRS67-081	Thorium-228	0.80	PCI/G	0.04			2.6	02/02/2005
PRS67-081	Thorium-230	0.83	PCI/G	0.01			2.8	02/02/2005
PRS67-081	Thorium-232	0.77	PCI/G	0.02			2.1	02/02/2005
PRS67-093	Plutonium-238	12.90	PCI/G	0.04			55	02/02/2005
PRS67-093	Plutonium-239/240	0.20	PCI/G	0.02			62	02/02/2005
PRS67-093	Thorium-228	0.57	PCI/G	0.04			2.6	02/02/2005
PRS67-093	Thorium-230	0.86	PCI/G	0.03			2.8	02/02/2005
PRS67-093	Thorium-232	0.68	PCI/G	0.02			2.1	02/02/2005
PRS67-094	Plutonium-238	0.13	PCI/G	0.04			55	02/02/2005
PRS67-094	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/02/2005
PRS67-094	Thorium-228	0.62	PCI/G	0.04			2.6	02/02/2005
PRS67-094	Thorium-230	1.28	PCI/G	0.02			2.8	02/02/2005
PRS67-094	Thorium-232	0.68	PCI/G	0.02			2.1	02/02/2005
PRS67-095	Plutonium-238	0.35	PCI/G	0.02			55	02/02/2005
PRS67-095	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/02/2005
PRS67-095	Thorium-228	0.52	PCI/G	0.05			2.6	02/02/2005
PRS67-095	Thorium-230	1.07	PCI/G	0.02			2.8	02/02/2005
PRS67-095	Thorium-232	0.47	PCI/G	0.02			2.1	02/02/2005
PRS67-096	Plutonium-238	2.89	PCI/G	0.04			55	02/02/2005
PRS67-096	Plutonium-239/240	0.06	PCI/G	0.02	J		62	02/02/2005
PRS67-096	Thorium-228	0.38	PCI/G	0.04			2.6	02/02/2005
PRS67-096	Thorium-230	0.52	PCI/G	0.03			2.8	02/02/2005
PRS67-096	Thorium-232	0.31	PCI/G	0.01			2.1	02/02/2005
PRS67-097	Plutonium-238	1.05	PCI/G	0.03			55	02/02/2005
PRS67-097	Plutonium-239/240	0.03	PCI/G	0.02	J		62	02/02/2005
PRS67-097	Thorium-228	0.29	PCI/G	0.04			2.6	02/02/2005
PRS67-097	Thorium-230	0.49	PCI/G	0.02			2.8	02/02/2005
PRS67-097	Thorium-232	0.29	PCI/G	0.02			2.1	02/02/2005
PRS67-098	Plutonium-238	0.52	PCI/G	0.04			55	02/02/2005
PRS67-098	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/02/2005
PRS67-098	Thorium-228	0.39	PCI/G	0.04			2.6	02/02/2005
PRS67-098	Thorium-230	0.50	PCI/G	0.03			2.8	02/02/2005
PRS67-098	Thorium-232	0.32	PCI/G	0.03			2.1	02/02/2005
PRS67-102	Plutonium-238	20.30	PCI/G	0.03			55	02/02/2005
PRS67-102	Plutonium-239/240	0.11	PCI/G	0.04			62	02/02/2005
PRS67-102	Thorium-228	0.87	PCI/G	0.05			2.6	02/02/2005
PRS67-102	Thorium-230	1.19	PCI/G	0.03			2.8	02/02/2005
PRS67-102	Thorium-232	0.72	PCI/G	0.04			2.1	02/02/2005
PRS67-103	Plutonium-238	29.30	PCI/G	0.03			55	02/02/2005
PRS67-103	Plutonium-239/240	0.37	PCI/G	0.03			62	02/02/2005
PRS67-103	Thorium-228	0.80	PCI/G	0.03			2.6	02/02/2005
PRS67-103	Thorium-230	0.89	PCI/G	0.02			2.8	02/02/2005
PRS67-103	Thorium-232	0.60	PCI/G	0.01			2.1	02/02/2005
PRS67-105	Plutonium-238	26.30	PCI/G	0.03			55	02/03/2005
PRS67-105	Plutonium-239/240	0.57	PCI/G	0.03			62	02/03/2005
PRS67-105	Thorium-228	0.74	PCI/G	0.03			2.6	02/03/2005
PRS67-105	Thorium-230	0.70	PCI/G	0.02			2.8	02/03/2005
PRS67-105	Thorium-232	0.54	PCI/G	0.01			2.1	02/03/2005
PRS67-106	Plutonium-238	16.10	PCI/G	0.05			55	02/03/2005
PRS67-106	Plutonium-239/240	0.21	PCI/G	0.03			62	02/03/2005
PRS67-106	Thorium-228	0.78	PCI/G	0.03			2.6	02/03/2005
PRS67-106	Thorium-230	0.87	PCI/G	0.02			2.8	02/03/2005
PRS67-106	Thorium-232	0.53	PCI/G	0.03			2.1	02/03/2005
PRS67-107	Plutonium-238	5.89	PCI/G	0.03			55	02/03/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
PRS67-107	Plutonium-239/240	0.13	PCI/G	0.01			62	02/03/2005
PRS67-107	Thorium-228	0.82	PCI/G	0.03			2.6	02/03/2005
PRS67-107	Thorium-230	1.14	PCI/G	0.01			2.8	02/03/2005
PRS67-107	Thorium-232	0.74	PCI/G	0.02			2.1	02/03/2005
PRS67-108	Plutonium-238	3.04	PCI/G	0.03			55	02/03/2005
PRS67-108	Plutonium-239/240	0.06	PCI/G	0.02	J		62	02/03/2005
PRS67-108	Thorium-228	0.97	PCI/G	0.05			2.6	02/03/2005
PRS67-108	Thorium-230	1.18	PCI/G	0.02			2.8	02/03/2005
PRS67-108	Thorium-232	0.68	PCI/G	0.02			2.1	02/03/2005
PRS67-109	Plutonium-238	0.54	PCI/G	0.03			55	02/03/2005
PRS67-109	Plutonium-239/240	0.02	PCI/G	0.01	J		62	02/03/2005
PRS67-109	Thorium-228	0.87	PCI/G	0.04			2.6	02/03/2005
PRS67-109	Thorium-230	1.26	PCI/G	0.04			2.8	02/03/2005
PRS67-109	Thorium-232	0.92	PCI/G	0.03			2.1	02/03/2005
PRS67-110	Plutonium-238	0.64	PCI/G	0.04			55	02/03/2005
PRS67-110	Plutonium-239/240	0.03	PCI/G	0.02	J		62	02/03/2005
PRS67-110	Thorium-228	1.14	PCI/G	0.09			2.6	02/03/2005
PRS67-110	Thorium-230	1.67	PCI/G	0.04			2.8	02/03/2005
PRS67-110	Thorium-232	1.00	PCI/G	0.05			2.1	02/03/2005
PRS67-111	Plutonium-238	0.42	PCI/G	0.02			55	02/03/2005
PRS67-111	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005
PRS67-111	Thorium-228	0.97	PCI/G	0.06			2.6	02/03/2005
PRS67-111	Thorium-230	1.25	PCI/G	0.02			2.8	02/03/2005
PRS67-111	Thorium-232	0.81	PCI/G	0.03			2.1	02/03/2005
PRS67-112	Plutonium-238	0.35	PCI/G	0.04			55	02/03/2005
PRS67-112	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005
PRS67-112	Thorium-228	0.66	PCI/G	0.04			2.6	02/03/2005
PRS67-112	Thorium-230	1.06	PCI/G	0.01			2.8	02/03/2005
PRS67-112	Thorium-232	0.63	PCI/G	0.01			2.1	02/03/2005
PRS67-113	Plutonium-238	0.24	PCI/G	0.05			55	02/03/2005
PRS67-113	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/03/2005
PRS67-113	Thorium-228	0.70	PCI/G	0.05			2.6	02/03/2005
PRS67-113	Thorium-230	1.00	PCI/G	0.02			2.8	02/03/2005
PRS67-113	Thorium-232	0.57	PCI/G	0.02			2.1	02/03/2005
PRS67-114	Plutonium-238	0.17	PCI/G	0.04			55	02/03/2005
PRS67-114	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/03/2005
PRS67-114	Thorium-228	0.66	PCI/G	0.04			2.6	02/03/2005
PRS67-114	Thorium-230	0.94	PCI/G	0.01			2.8	02/03/2005
PRS67-114	Thorium-232	0.66	PCI/G	0.01			2.1	02/03/2005
PRS67-115	Plutonium-238	3.48	PCI/G	0.04			55	02/03/2005
PRS67-115	Plutonium-239/240	0.05	PCI/G	0.02	J		62	02/03/2005
PRS67-115	Thorium-228	0.38	PCI/G	0.03			2.6	02/03/2005
PRS67-115	Thorium-230	0.46	PCI/G	0.03			2.8	02/03/2005
PRS67-115	Thorium-232	0.32	PCI/G	0.03			2.1	02/03/2005
PRS67-116	Plutonium-238	0.13	PCI/G	0.04			55	02/03/2005
PRS67-116	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005
PRS67-116	Thorium-228	0.32	PCI/G	0.05			2.6	02/03/2005
PRS67-116	Thorium-230	0.41	PCI/G	0.03			2.8	02/03/2005
PRS67-116	Thorium-232	0.32	PCI/G	0.02			2.1	02/03/2005
PRS67-117	Plutonium-238	0.50	PCI/G	0.05			55	02/03/2005
PRS67-117	Plutonium-239/240	0.05	PCI/G	0.05	U		62	02/03/2005
PRS67-117	Thorium-228	0.74	PCI/G	0.05			2.6	02/03/2005
PRS67-117	Thorium-230	0.78	PCI/G	0.02			2.8	02/03/2005
PRS67-117	Thorium-232	0.61	PCI/G	0.01			2.1	02/03/2005
PRS67-118	Plutonium-238	7.07	PCI/G	0.04			55	02/03/2005
PRS67-118	Plutonium-239/240	0.15	PCI/G	0.03			62	02/03/2005
PRS67-118	Thorium-228	0.82	PCI/G	0.05			2.6	02/03/2005
PRS67-118	Thorium-230	1.23	PCI/G	0.01			2.8	02/03/2005
PRS67-118	Thorium-232	0.76	PCI/G	0.02			2.1	02/03/2005
PRS67-122	Plutonium-238	28.70	PCI/G	0.03			55	02/03/2005
PRS67-122	Plutonium-239/240	0.11	PCI/G	0.01			62	02/03/2005
PRS67-122	Thorium-228	1.30	PCI/G	0.07			2.6	02/03/2005
PRS67-122	Thorium-230	0.96	PCI/G	0.03			2.8	02/03/2005
PRS67-122	Thorium-232	0.80	PCI/G	0.04			2.1	02/03/2005
PRS67-123	Plutonium-238	53.10	PCI/G	0.09			55	02/03/2005
PRS67-123	Plutonium-239/240	0.16	PCI/G	0.08			62	02/03/2005
PRS67-123	Thorium-228	1.28	PCI/G	0.05			2.6	02/03/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
PRS67-123	Thorium-230	0.86	PCI/G	0.04			2.8	02/03/2005
PRS67-123	Thorium-232	0.91	PCI/G	0.03			2.1	02/03/2005
PRS67-124	Plutonium-238	0.30	PCI/G	0.06			55	02/03/2005
PRS67-124	Plutonium-239/240	0.04	PCI/G	0.04	U		62	02/03/2005
PRS67-124	Thorium-228	0.52	PCI/G	0.05			2.6	02/03/2005
PRS67-124	Thorium-230	0.89	PCI/G	0.02			2.8	02/03/2005
PRS67-124	Thorium-232	0.40	PCI/G	0.02			2.1	02/03/2005
PRS67-125	Plutonium-238	0.48	PCI/G	0.08			55	02/03/2005
PRS67-125	Plutonium-239/240	0.08	PCI/G	0.08	U		62	02/03/2005
PRS67-125	Thorium-228	0.61	PCI/G	0.05			2.6	02/03/2005
PRS67-125	Thorium-230	0.95	PCI/G	0.01			2.8	02/03/2005
PRS67-125	Thorium-232	0.57	PCI/G	0.01			2.1	02/03/2005
PRS67-126	Plutonium-238	0.17	PCI/G	0.07			55	02/03/2005
PRS67-126	Plutonium-239/240	0.05	PCI/G	0.05	U		62	02/03/2005
PRS67-126	Thorium-228	0.82	PCI/G	0.04			2.6	02/03/2005
PRS67-126	Thorium-230	1.33	PCI/G	0.04			2.8	02/03/2005
PRS67-126	Thorium-232	0.68	PCI/G	0.04			2.1	02/03/2005
PRS67-127	Plutonium-238	0.35	PCI/G	0.05			55	02/03/2005
PRS67-127	Plutonium-239/240	0.05	PCI/G	0.05	U		62	02/03/2005
PRS67-127	Thorium-228	1.11	PCI/G	0.05			2.6	02/03/2005
PRS67-127	Thorium-230	1.59	PCI/G	0.04			2.8	02/03/2005
PRS67-127	Thorium-232	0.97	PCI/G	0.02			2.1	02/03/2005
PRS67-128	Plutonium-238	4.07	PCI/G	0.04			55	02/03/2005
PRS67-128	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005
PRS67-128	Thorium-228	0.56	PCI/G	0.05			2.6	02/03/2005
PRS67-128	Thorium-230	0.58	PCI/G	0.03			2.8	02/03/2005
PRS67-128	Thorium-232	0.41	PCI/G	0.02			2.1	02/03/2005
PRS67-129	Plutonium-238	2.33	PCI/G	0.05			55	02/03/2005
PRS67-129	Plutonium-239/240	0.02	PCI/G	0.02	U		62	02/03/2005
PRS67-129	Thorium-228	0.38	PCI/G	0.06			2.6	02/03/2005
PRS67-129	Thorium-230	0.68	PCI/G	0.02			2.8	02/03/2005
PRS67-129	Thorium-232	0.34	PCI/G	0.03			2.1	02/03/2005
PRS67-130	Plutonium-238	6.80	PCI/G	0.07			55	02/03/2005
PRS67-130	Plutonium-239/240	0.05	PCI/G	0.05	U		62	02/03/2005
PRS67-130	Thorium-228	0.15	PCI/G	0.02			2.6	02/03/2005
PRS67-130	Thorium-230	0.21	PCI/G	0.01			2.8	02/03/2005
PRS67-130	Thorium-232	0.09	PCI/G	0.01	J		2.1	02/03/2005
PRS67-131	Plutonium-238	11.40	PCI/G	0.03			55	02/03/2005
PRS67-131	Plutonium-239/240	0.04	PCI/G	0.02	J		62	02/03/2005
PRS67-131	Thorium-228	0.75	PCI/G	0.05			2.6	02/03/2005
PRS67-131	Thorium-230	0.58	PCI/G	0.02			2.8	02/03/2005
PRS67-131	Thorium-232	0.49	PCI/G	0.02			2.1	02/03/2005
PRS67-132	Plutonium-238	7.50	PCI/G	0.05			55	02/03/2005
PRS67-132	Plutonium-239/240	0.04	PCI/G	0.03	J		62	02/03/2005
PRS67-132	Thorium-228	0.37	PCI/G	0.03			2.6	02/03/2005
PRS67-132	Thorium-230	0.54	PCI/G	0.03			2.8	02/03/2005
PRS67-132	Thorium-232	0.38	PCI/G	0.02			2.1	02/03/2005
PRS67-133	Plutonium-238	0.79	PCI/G	0.05			55	02/03/2005
PRS67-133	Plutonium-239/240	0.04	PCI/G	0.04	U		62	02/03/2005
PRS67-133	Thorium-228	0.54	PCI/G	0.04			2.6	02/03/2005
PRS67-133	Thorium-230	0.73	PCI/G	0.04			2.8	02/03/2005
PRS67-133	Thorium-232	0.47	PCI/G	0.04			2.1	02/03/2005
PRS67-134	Plutonium-238	0.15	PCI/G	0.03			55	02/03/2005
PRS67-134	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005
PRS67-134	Thorium-228	0.83	PCI/G	0.02			2.6	02/03/2005
PRS67-134	Thorium-230	1.20	PCI/G	0.02			2.8	02/03/2005
PRS67-134	Thorium-232	0.71	PCI/G	0.03			2.1	02/03/2005
PRS67-135	Plutonium-238	5.00	PCI/G	0.10			55	02/03/2005
PRS67-135	Plutonium-239/240	0.06	PCI/G	0.06	U		62	02/03/2005
PRS67-135	Thorium-228	0.44	PCI/G	0.03			2.6	02/03/2005
PRS67-135	Thorium-230	0.53	PCI/G	0.03			2.8	02/03/2005
PRS67-135	Thorium-232	0.36	PCI/G	0.02			2.1	02/03/2005
PRS67-136	Plutonium-238	8.30	PCI/G	0.04			55	02/03/2005
PRS67-136	Plutonium-239/240	0.04	PCI/G	0.04	J		62	02/03/2005
PRS67-136	Thorium-228	0.60	PCI/G	0.04			2.6	02/03/2005
PRS67-136	Thorium-230	0.70	PCI/G	0.03			2.8	02/03/2005
PRS67-136	Thorium-232	0.37	PCI/G	0.02			2.1	02/03/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
PRS67-137	Plutonium-238	30.00	PCI/G	0.06			55	02/03/2005
PRS67-137	Plutonium-239/240	0.10	PCI/G	0.05			62	02/03/2005
PRS67-137	Thorium-228	1.03	PCI/G	0.04			2.6	02/03/2005
PRS67-137	Thorium-230	0.79	PCI/G	0.03			2.8	02/03/2005
PRS67-137	Thorium-232	0.57	PCI/G	0.03			2.1	02/03/2005
PRS67-138	Plutonium-238	5.20	PCI/G	0.04			55	02/03/2005
PRS67-138	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005
PRS67-138	Thorium-228	0.68	PCI/G	0.06			2.6	02/03/2005
PRS67-138	Thorium-230	1.26	PCI/G	0.04			2.8	02/03/2005
PRS67-138	Thorium-232	0.69	PCI/G	0.04			2.1	02/03/2005
PRS67-139	Plutonium-238	0.42	PCI/G	0.04			55	02/03/2005
PRS67-139	Plutonium-239/240	0.03	PCI/G	0.03	U		62	02/03/2005
PRS67-139	Thorium-228	0.87	PCI/G	0.04			2.6	02/03/2005
PRS67-139	Thorium-230	1.20	PCI/G	0.03			2.8	02/03/2005
PRS67-139	Thorium-232	0.85	PCI/G	0.04			2.1	02/03/2005
PRS67-140	Plutonium-238	0.94	PCI/G	0.05			55	02/03/2005
PRS67-140	Plutonium-239/240	0.02	PCI/G	0.02	J		62	02/03/2005
PRS67-140	Thorium-228	0.50	PCI/G	0.04			2.6	02/03/2005
PRS67-140	Thorium-230	0.85	PCI/G	0.02			2.8	02/03/2005
PRS67-140	Thorium-232	0.49	PCI/G	0.03			2.1	02/03/2005
SU1FSS001	Actinium-227	0.49	PCI/G	0.49	U		4.6	03/15/2005
SU1FSS001	Americium-241	0.11	PCI/G	0.11	U		63	03/15/2005
SU1FSS001	Cesium-137	0.44	PCI/G	0.08			3.8	03/15/2005
SU1FSS001	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005
SU1FSS001	Lead-210	1.73	PCI/G	0.99			7.4	03/15/2005
SU1FSS001	Plutonium-238	11.20	PCI/G	0.06			55	03/15/2005
SU1FSS001	Plutonium-239/240	0.08	PCI/G	0.04	J	J	62	03/15/2005
SU1FSS001	Radium-226	2.44	PCI/G	0.99			2.9	03/15/2005
SU1FSS001	Thorium-228	1.25	PCI/G	0.03			2.6	03/15/2005
SU1FSS001	Thorium-230	1.18	PCI/G	0.03			2.8	03/15/2005
SU1FSS001	Thorium-232	1.28	PCI/G	0.03			2.1	03/15/2005
SU1FSS002	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/14/2005
SU1FSS002	Americium-241	0.08	PCI/G	0.08	U		63	03/14/2005
SU1FSS002	Cesium-137	0.20	PCI/G	0.07			3.8	03/14/2005
SU1FSS002	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/14/2005
SU1FSS002	Lead-210	1.49	PCI/G	0.84			7.4	03/14/2005
SU1FSS002	Plutonium-238	0.94	PCI/G	0.03			55	03/14/2005
SU1FSS002	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/14/2005
SU1FSS002	Radium-226	1.97	PCI/G	0.89			2.9	03/14/2005
SU1FSS002	Thorium-228	0.74	PCI/G	0.05			2.6	03/14/2005
SU1FSS002	Thorium-230	0.75	PCI/G	0.04			2.8	03/14/2005
SU1FSS002	Thorium-232	0.68	PCI/G	0.03			2.1	03/14/2005
SU1FSS003	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/14/2005
SU1FSS003	Americium-241	0.08	PCI/G	0.08	U		63	03/14/2005
SU1FSS003	Cesium-137	0.07	PCI/G	0.06			3.8	03/14/2005
SU1FSS003	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/14/2005
SU1FSS003	Lead-210	1.46	PCI/G	0.77			7.4	03/14/2005
SU1FSS003	Plutonium-238	9.40	PCI/G	0.05			55	03/14/2005
SU1FSS003	Plutonium-239/240	0.04	PCI/G	0.03	J	J	62	03/14/2005
SU1FSS003	Radium-226	1.42	PCI/G	0.96			2.9	03/14/2005
SU1FSS003	Thorium-228	0.74	PCI/G	0.04			2.6	03/14/2005
SU1FSS003	Thorium-230	0.82	PCI/G	0.03			2.8	03/14/2005
SU1FSS003	Thorium-232	0.56	PCI/G	0.03			2.1	03/14/2005
SU1FSS004	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/15/2005
SU1FSS004	Americium-241	0.12	PCI/G	0.12	U		63	03/15/2005
SU1FSS004	Cesium-137	0.09	PCI/G	0.09	U		3.8	03/15/2005
SU1FSS004	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005
SU1FSS004	Lead-210	1.72	PCI/G	1.03			7.4	03/15/2005
SU1FSS004	Plutonium-238	6.36	PCI/G	0.05			55	03/15/2005
SU1FSS004	Plutonium-239/240	0.06	PCI/G	0.04	J	J	62	03/15/2005
SU1FSS004	Radium-226	2.29	PCI/G	1.15			2.9	03/15/2005
SU1FSS004	Thorium-228	0.91	PCI/G	0.04			2.6	03/15/2005
SU1FSS004	Thorium-230	0.94	PCI/G	0.02			2.8	03/15/2005
SU1FSS004	Thorium-232	0.84	PCI/G	0.02			2.1	03/15/2005
SU1FSS005	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/14/2005
SU1FSS005	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005
SU1FSS005	Cesium-137	0.07	PCI/G	0.07			3.8	03/14/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS005	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005
SU1FSS005	Lead-210	0.89	PCI/G	0.89	U		7.4	03/14/2005
SU1FSS005	Plutonium-238	4.78	PCI/G	0.08			55	03/14/2005
SU1FSS005	Plutonium-239/240	0.01	PCI/G	0.06	U	UJ	62	03/14/2005
SU1FSS005	Radium-226	1.20	PCI/G	0.92			2.9	03/14/2005
SU1FSS005	Thorium-228	1.28	PCI/G	0.06			2.6	03/14/2005
SU1FSS005	Thorium-230	1.05	PCI/G	0.02			2.8	03/14/2005
SU1FSS005	Thorium-232	0.81	PCI/G	0.03			2.1	03/14/2005
SU1FSS006	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/14/2005
SU1FSS006	Americium-241	0.08	PCI/G	0.08	U		63	03/14/2005
SU1FSS006	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/14/2005
SU1FSS006	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005
SU1FSS006	Lead-210	0.82	PCI/G	0.75			7.4	03/14/2005
SU1FSS006	Plutonium-238	4.67	PCI/G	0.06			55	03/14/2005
SU1FSS006	Plutonium-239/240	0.03	PCI/G	0.05	U	UJ	62	03/14/2005
SU1FSS006	Radium-226	1.84	PCI/G	0.84			2.9	03/14/2005
SU1FSS006	Thorium-228	0.70	PCI/G	0.04			2.6	03/14/2005
SU1FSS006	Thorium-230	0.92	PCI/G	0.03			2.8	03/14/2005
SU1FSS006	Thorium-232	0.73	PCI/G	0.02			2.1	03/14/2005
SU1FSS007	Actinium-227	0.44	PCI/G	0.44	U		4.6	03/14/2005
SU1FSS007	Americium-241	0.11	PCI/G	0.11	U		63	03/14/2005
SU1FSS007	Cesium-137	0.10	PCI/G	0.10	U		3.8	03/14/2005
SU1FSS007	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005
SU1FSS007	Lead-210	1.22	PCI/G	1.05			7.4	03/14/2005
SU1FSS007	Plutonium-238	0.39	PCI/G	0.07			55	03/14/2005
SU1FSS007	Plutonium-239/240	0.00	PCI/G	0.05	U	U	62	03/14/2005
SU1FSS007	Radium-226	2.08	PCI/G	0.99			2.9	03/14/2005
SU1FSS007	Thorium-228	1.01	PCI/G	0.03			2.6	03/14/2005
SU1FSS007	Thorium-230	1.47	PCI/G	0.02			2.8	03/14/2005
SU1FSS007	Thorium-232	1.04	PCI/G	0.03			2.1	03/14/2005
SU1FSS008	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/14/2005
SU1FSS008	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005
SU1FSS008	Cesium-137	0.16	PCI/G	0.02			3.8	03/14/2005
SU1FSS008	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005
SU1FSS008	Lead-210	1.11	PCI/G	0.62			7.4	03/14/2005
SU1FSS008	Plutonium-238	0.48	PCI/G	0.04			55	03/14/2005
SU1FSS008	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/14/2005
SU1FSS008	Radium-226	0.74	PCI/G	0.63			2.9	03/14/2005
SU1FSS008	Thorium-228	0.30	PCI/G	0.05			2.6	03/14/2005
SU1FSS008	Thorium-230	0.26	PCI/G	0.03			2.8	03/14/2005
SU1FSS008	Thorium-232	0.28	PCI/G	0.03			2.1	03/14/2005
SU1FSS009	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/14/2005
SU1FSS009	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005
SU1FSS009	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/14/2005
SU1FSS009	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005
SU1FSS009	Lead-210	0.86	PCI/G	0.54			7.4	03/14/2005
SU1FSS009	Plutonium-238	6.46	PCI/G	0.04			55	03/14/2005
SU1FSS009	Plutonium-239/240	0.06	PCI/G	0.02	J	J	62	03/14/2005
SU1FSS009	Radium-226	1.54	PCI/G	0.69			2.9	03/14/2005
SU1FSS009	Thorium-228	0.51	PCI/G	0.04			2.6	03/14/2005
SU1FSS009	Thorium-230	0.55	PCI/G	0.03			2.8	03/14/2005
SU1FSS009	Thorium-232	0.44	PCI/G	0.03			2.1	03/14/2005
SU1FSS010	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/14/2005
SU1FSS010	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005
SU1FSS010	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/14/2005
SU1FSS010	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/14/2005
SU1FSS010	Lead-210	1.25	PCI/G	0.58			7.4	03/14/2005
SU1FSS010	Plutonium-238	0.04	PCI/G	0.04	U	U	55	03/14/2005
SU1FSS010	Plutonium-239/240	0.00	PCI/G	0.02	U	U	62	03/14/2005
SU1FSS010	Radium-226	1.47	PCI/G	0.72			2.9	03/14/2005
SU1FSS010	Thorium-228	0.37	PCI/G	0.05			2.6	03/14/2005
SU1FSS010	Thorium-230	1.08	PCI/G	0.03			2.8	03/14/2005
SU1FSS010	Thorium-232	0.53	PCI/G	0.02			2.1	03/14/2005
SU1FSS011	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/14/2005
SU1FSS011	Americium-241	0.08	PCI/G	0.08	U		63	03/14/2005
SU1FSS011	Cesium-137	0.09	PCI/G	0.05			3.8	03/14/2005
SU1FSS011	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/14/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS011	Lead-210	1.11	PCI/G	0.76			7.4	03/14/2005
SU1FSS011	Plutonium-238	5.88	PCI/G	0.04			55	03/14/2005
SU1FSS011	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/14/2005
SU1FSS011	Radium-226	1.93	PCI/G	0.78			2.9	03/14/2005
SU1FSS011	Thorium-228	0.98	PCI/G	0.05			2.6	03/14/2005
SU1FSS011	Thorium-230	0.77	PCI/G	0.03			2.8	03/14/2005
SU1FSS011	Thorium-232	0.80	PCI/G	0.02			2.1	03/14/2005
SU1FSS012	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/14/2005
SU1FSS012	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005
SU1FSS012	Cesium-137	0.06	PCI/G	0.05			3.8	03/14/2005
SU1FSS012	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005
SU1FSS012	Lead-210	0.80	PCI/G	0.60			7.4	03/14/2005
SU1FSS012	Plutonium-238	16.20	PCI/G	0.05			55	03/14/2005
SU1FSS012	Plutonium-239/240	0.06	PCI/G	0.04	J	J	62	03/14/2005
SU1FSS012	Radium-226	1.28	PCI/G	0.73			2.9	03/14/2005
SU1FSS012	Thorium-228	0.81	PCI/G	0.09			2.6	03/14/2005
SU1FSS012	Thorium-230	0.81	PCI/G	0.04			2.8	03/14/2005
SU1FSS012	Thorium-232	0.70	PCI/G	0.04			2.1	03/14/2005
SU1FSS013	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/14/2005
SU1FSS013	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005
SU1FSS013	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/14/2005
SU1FSS013	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005
SU1FSS013	Lead-210	0.74	PCI/G	0.55			7.4	03/14/2005
SU1FSS013	Plutonium-238	0.25	PCI/G	0.04			55	03/14/2005
SU1FSS013	Plutonium-239/240	0.00	PCI/G	0.03	U	U	62	03/14/2005
SU1FSS013	Radium-226	2.03	PCI/G	0.68			2.9	03/14/2005
SU1FSS013	Thorium-228	0.66	PCI/G	0.06			2.6	03/14/2005
SU1FSS013	Thorium-230	1.35	PCI/G	0.03			2.8	03/14/2005
SU1FSS013	Thorium-232	0.64	PCI/G	0.04			2.1	03/14/2005
SU1FSS014	Actinium-227	0.39	PCI/G	0.39	U		4.6	03/14/2005
SU1FSS014	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005
SU1FSS014	Cesium-137	0.08	PCI/G	0.08			3.8	03/14/2005
SU1FSS014	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/14/2005
SU1FSS014	Lead-210	1.19	PCI/G	0.91			7.4	03/14/2005
SU1FSS014	Plutonium-238	0.17	PCI/G	0.03			55	03/14/2005
SU1FSS014	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/14/2005
SU1FSS014	Radium-226	2.01	PCI/G	1.06			2.9	03/14/2005
SU1FSS014	Thorium-228	0.88	PCI/G	0.04			2.6	03/14/2005
SU1FSS014	Thorium-230	0.86	PCI/G	0.03			2.8	03/14/2005
SU1FSS014	Thorium-232	1.09	PCI/G	0.03			2.1	03/14/2005
SU1FSS015	Actinium-227	0.17	PCI/G	0.17	U		4.6	03/14/2005
SU1FSS015	Americium-241	0.05	PCI/G	0.05	U		63	03/14/2005
SU1FSS015	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/14/2005
SU1FSS015	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005
SU1FSS015	Lead-210	0.47	PCI/G	0.47	U		7.4	03/14/2005
SU1FSS015	Plutonium-238	1.14	PCI/G	0.04			55	03/14/2005
SU1FSS015	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/14/2005
SU1FSS015	Radium-226	0.90	PCI/G	0.60			2.9	03/14/2005
SU1FSS015	Thorium-228	0.33	PCI/G	0.05			2.6	03/14/2005
SU1FSS015	Thorium-230	0.53	PCI/G	0.02			2.8	03/14/2005
SU1FSS015	Thorium-232	0.31	PCI/G	0.03			2.1	03/14/2005
SU1FSS016	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/14/2005
SU1FSS016	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005
SU1FSS016	Cesium-137	0.07	PCI/G	0.05			3.8	03/14/2005
SU1FSS016	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005
SU1FSS016	Lead-210	1.01	PCI/G	0.70			7.4	03/14/2005
SU1FSS016	Plutonium-238	1.00	PCI/G	0.04			55	03/14/2005
SU1FSS016	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/14/2005
SU1FSS016	Radium-226	1.94	PCI/G	0.89			2.9	03/14/2005
SU1FSS016	Thorium-228	0.67	PCI/G	0.10			2.6	03/14/2005
SU1FSS016	Thorium-230	1.18	PCI/G	0.04			2.8	03/14/2005
SU1FSS016	Thorium-232	0.69	PCI/G	0.05			2.1	03/14/2005
SU1FSS017	Actinium-227	0.66	PCI/G	0.66	U		4.6	03/15/2005
SU1FSS017	Americium-241	0.14	PCI/G	0.14	U		63	03/15/2005
SU1FSS017	Cesium-137	0.27	PCI/G	0.06			3.8	03/15/2005
SU1FSS017	Cobalt-60	0.15	PCI/G	0.15	U		0.7	03/15/2005
SU1FSS017	Lead-210	2.91	PCI/G	1.34			7.4	03/15/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS017	Plutonium-238	0.60	PCI/G	0.04			55	03/15/2005
SU1FSS017	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005
SU1FSS017	Radium-226	2.43	PCI/G	1.27			2.9	03/15/2005
SU1FSS017	Thorium-228	0.64	PCI/G	0.04			2.6	03/15/2005
SU1FSS017	Thorium-230	0.80	PCI/G	0.02			2.8	03/15/2005
SU1FSS017	Thorium-232	0.71	PCI/G	0.03			2.1	03/15/2005
SU1FSS018	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/14/2005
SU1FSS018	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005
SU1FSS018	Cesium-137	0.05	PCI/G	0.04			3.8	03/14/2005
SU1FSS018	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005
SU1FSS018	Lead-210	0.85	PCI/G	0.85	U		7.4	03/14/2005
SU1FSS018	Plutonium-238	3.15	PCI/G	0.04			55	03/14/2005
SU1FSS018	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/14/2005
SU1FSS018	Radium-226	2.13	PCI/G	0.91			2.9	03/14/2005
SU1FSS018	Thorium-228	0.99	PCI/G	0.07			2.6	03/14/2005
SU1FSS018	Thorium-230	1.19	PCI/G	0.03			2.8	03/14/2005
SU1FSS018	Thorium-232	1.01	PCI/G	0.02			2.1	03/14/2005
SU1FSS019	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/14/2005
SU1FSS019	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005
SU1FSS019	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/14/2005
SU1FSS019	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/14/2005
SU1FSS019	Lead-210	1.10	PCI/G	0.59			7.4	03/14/2005
SU1FSS019	Plutonium-238	0.20	PCI/G	0.04			55	03/14/2005
SU1FSS019	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/14/2005
SU1FSS019	Radium-226	1.89	PCI/G	0.73			2.9	03/14/2005
SU1FSS019	Thorium-228	0.55	PCI/G	0.05			2.6	03/14/2005
SU1FSS019	Thorium-230	1.19	PCI/G	0.03			2.8	03/14/2005
SU1FSS019	Thorium-232	0.57	PCI/G	0.02			2.1	03/14/2005
SU1FSS020	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/14/2005
SU1FSS020	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005
SU1FSS020	Cesium-137	0.13	PCI/G	0.07			3.8	03/14/2005
SU1FSS020	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005
SU1FSS020	Lead-210	1.86	PCI/G	0.92			7.4	03/14/2005
SU1FSS020	Plutonium-238	0.78	PCI/G	0.05			55	03/14/2005
SU1FSS020	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/14/2005
SU1FSS020	Radium-226	1.33	PCI/G	1.08			2.9	03/14/2005
SU1FSS020	Thorium-228	0.80	PCI/G	0.05			2.6	03/14/2005
SU1FSS020	Thorium-230	1.02	PCI/G	0.03			2.8	03/14/2005
SU1FSS020	Thorium-232	0.77	PCI/G	0.02			2.1	03/14/2005
SU1FSS021	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/15/2005
SU1FSS021	Americium-241	0.06	PCI/G	0.06	U		63	03/15/2005
SU1FSS021	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/15/2005
SU1FSS021	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005
SU1FSS021	Lead-210	0.68	PCI/G	0.55			7.4	03/15/2005
SU1FSS021	Plutonium-238	1.29	PCI/G	0.03			55	03/15/2005
SU1FSS021	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/15/2005
SU1FSS021	Radium-226	1.69	PCI/G	0.65			2.9	03/15/2005
SU1FSS021	Thorium-228	0.83	PCI/G	0.05			2.6	03/15/2005
SU1FSS021	Thorium-230	0.89	PCI/G	0.03			2.8	03/15/2005
SU1FSS021	Thorium-232	0.71	PCI/G	0.03			2.1	03/15/2005
SU1FSS022	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/14/2005
SU1FSS022	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005
SU1FSS022	Cesium-137	0.09	PCI/G	0.05			3.8	03/14/2005
SU1FSS022	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005
SU1FSS022	Lead-210	1.76	PCI/G	0.81			7.4	03/14/2005
SU1FSS022	Plutonium-238	1.06	PCI/G	0.05			55	03/14/2005
SU1FSS022	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/14/2005
SU1FSS022	Radium-226	2.03	PCI/G	0.93			2.9	03/14/2005
SU1FSS022	Thorium-228	0.73	PCI/G	0.05			2.6	03/14/2005
SU1FSS022	Thorium-230	1.13	PCI/G	0.03			2.8	03/14/2005
SU1FSS022	Thorium-232	0.73	PCI/G	0.03			2.1	03/14/2005
SU1FSS023	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/17/2005
SU1FSS023	Americium-241	0.09	PCI/G	0.09	U		63	03/17/2005
SU1FSS023	Cesium-137	0.24	PCI/G	0.07			3.8	03/17/2005
SU1FSS023	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU1FSS023	Lead-210	1.68	PCI/G	0.86			7.4	03/17/2005
SU1FSS023	Plutonium-238	0.79	PCI/G	0.03			55	03/17/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS023	Radium-226	1.04	PCI/G	0.88			2.9	03/17/2005
SU1FSS023	Thorium-228	0.80	PCI/G	0.04			2.6	03/17/2005
SU1FSS023	Thorium-230	0.91	PCI/G	0.03			2.8	03/17/2005
SU1FSS023	Thorium-232	0.82	PCI/G	0.03			2.1	03/17/2005
SU1FSS024	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/14/2005
SU1FSS024	Americium-241	0.05	PCI/G	0.05	U		63	03/14/2005
SU1FSS024	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/14/2005
SU1FSS024	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005
SU1FSS024	Lead-210	0.55	PCI/G	0.48			7.4	03/14/2005
SU1FSS024	Plutonium-238	8.10	PCI/G	0.07			55	03/14/2005
SU1FSS024	Plutonium-239/240	0.09	PCI/G	0.05	J	J	62	03/14/2005
SU1FSS024	Radium-226	0.76	PCI/G	0.60			2.9	03/14/2005
SU1FSS024	Thorium-228	0.52	PCI/G	0.06			2.6	03/14/2005
SU1FSS024	Thorium-230	0.72	PCI/G	0.04			2.8	03/14/2005
SU1FSS024	Thorium-232	0.53	PCI/G	0.02			2.1	03/14/2005
SU1FSS025	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/14/2005
SU1FSS025	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005
SU1FSS025	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/14/2005
SU1FSS025	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005
SU1FSS025	Lead-210	0.86	PCI/G	0.63			7.4	03/14/2005
SU1FSS025	Plutonium-238	0.60	PCI/G	0.03			55	03/14/2005
SU1FSS025	Plutonium-239/240	0.00	PCI/G	0.04	U	UJ	62	03/14/2005
SU1FSS025	Radium-226	2.06	PCI/G	0.85			2.9	03/14/2005
SU1FSS025	Thorium-228	0.64	PCI/G	0.05			2.6	03/14/2005
SU1FSS025	Thorium-230	1.27	PCI/G	0.04			2.8	03/14/2005
SU1FSS025	Thorium-232	0.73	PCI/G	0.03			2.1	03/14/2005
SU1FSS026	Actinium-227	0.48	PCI/G	0.48	U		4.6	03/14/2005
SU1FSS026	Americium-241	0.12	PCI/G	0.12	U		63	03/14/2005
SU1FSS026	Cesium-137	0.45	PCI/G	0.11			3.8	03/14/2005
SU1FSS026	Cobalt-60	0.13	PCI/G	0.13	U		0.7	03/14/2005
SU1FSS026	Lead-210	3.26	PCI/G	1.09			7.4	03/14/2005
SU1FSS026	Plutonium-238	4.98	PCI/G	0.05			55	03/14/2005
SU1FSS026	Plutonium-239/240	0.08	PCI/G	0.03	J	J	62	03/14/2005
SU1FSS026	Radium-226	1.91	PCI/G	1.07			2.9	03/14/2005
SU1FSS026	Thorium-228	0.91	PCI/G	0.06			2.6	03/14/2005
SU1FSS026	Thorium-230	1.00	PCI/G	0.06			2.8	03/14/2005
SU1FSS026	Thorium-232	0.91	PCI/G	0.05			2.1	03/14/2005
SU1FSS027	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/14/2005
SU1FSS027	Americium-241	0.07	PCI/G	0.07	U		63	03/14/2005
SU1FSS027	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/14/2005
SU1FSS027	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005
SU1FSS027	Lead-210	1.01	PCI/G	0.61			7.4	03/14/2005
SU1FSS027	Plutonium-238	0.65	PCI/G	0.10			55	03/14/2005
SU1FSS027	Plutonium-239/240	0.08	PCI/G	0.08	U	U	62	03/14/2005
SU1FSS027	Radium-226	1.77	PCI/G	0.77			2.9	03/14/2005
SU1FSS027	Thorium-228	0.79	PCI/G	0.07			2.6	03/14/2005
SU1FSS027	Thorium-230	1.24	PCI/G	0.05			2.8	03/14/2005
SU1FSS027	Thorium-232	0.73	PCI/G	0.05			2.1	03/14/2005
SU1FSS028	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/14/2005
SU1FSS028	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005
SU1FSS028	Cesium-137	0.04	PCI/G	0.03			3.8	03/14/2005
SU1FSS028	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/14/2005
SU1FSS028	Lead-210	1.24	PCI/G	0.58			7.4	03/14/2005
SU1FSS028	Plutonium-238	0.96	PCI/G	0.07			55	03/14/2005
SU1FSS028	Plutonium-239/240	0.01	PCI/G	0.05	U	UJ	62	03/14/2005
SU1FSS028	Radium-226	2.01	PCI/G	0.67			2.9	03/14/2005
SU1FSS028	Thorium-228	0.54	PCI/G	0.05			2.6	03/14/2005
SU1FSS028	Thorium-230	0.99	PCI/G	0.03			2.8	03/14/2005
SU1FSS028	Thorium-232	0.49	PCI/G	0.03			2.1	03/14/2005
SU1FSS029	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/15/2005
SU1FSS029	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005
SU1FSS029	Cesium-137	0.06	PCI/G	0.04			3.8	03/15/2005
SU1FSS029	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/15/2005
SU1FSS029	Lead-210	1.46	PCI/G	0.84			7.4	03/15/2005
SU1FSS029	Plutonium-238	0.84	PCI/G	0.03			55	03/15/2005
SU1FSS029	Plutonium-239/240	0.00	PCI/G	0.04	U	UJ	62	03/15/2005
SU1FSS029	Radium-226	1.42	PCI/G	0.78			2.9	03/15/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS029	Thorium-228	1.01	PCI/G	0.04			2.6	03/15/2005
SU1FSS029	Thorium-230	1.36	PCI/G	0.02			2.8	03/15/2005
SU1FSS029	Thorium-232	0.94	PCI/G	0.02			2.1	03/15/2005
SU1FSS030	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/14/2005
SU1FSS030	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005
SU1FSS030	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/14/2005
SU1FSS030	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/14/2005
SU1FSS030	Lead-210	1.41	PCI/G	0.90			7.4	03/14/2005
SU1FSS030	Plutonium-238	1.64	PCI/G	0.08			55	03/14/2005
SU1FSS030	Plutonium-239/240	0.03	PCI/G	0.05	U	UJ	62	03/14/2005
SU1FSS030	Radium-226	1.58	PCI/G	0.95			2.9	03/14/2005
SU1FSS030	Thorium-228	0.58	PCI/G	0.08			2.6	03/14/2005
SU1FSS030	Thorium-230	1.11	PCI/G	0.05			2.8	03/14/2005
SU1FSS030	Thorium-232	0.72	PCI/G	0.04			2.1	03/14/2005
SU1FSSB1	Actinium-227	0.39	PCI/G	0.39	U		4.6	03/15/2005
SU1FSSB1	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005
SU1FSSB1	Cesium-137	0.20	PCI/G	0.04			3.8	03/15/2005
SU1FSSB1	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/15/2005
SU1FSSB1	Lead-210	1.69	PCI/G	0.86			7.4	03/15/2005
SU1FSSB1	Plutonium-238	9.90	PCI/G	0.04			55	03/15/2005
SU1FSSB1	Plutonium-239/240	0.14	PCI/G	0.02			62	03/15/2005
SU1FSSB1	Radium-226	1.41	PCI/G	0.85			2.9	03/15/2005
SU1FSSB1	Thorium-228	1.21	PCI/G	0.03			2.6	03/15/2005
SU1FSSB1	Thorium-230	1.19	PCI/G	0.03			2.8	03/15/2005
SU1FSSB1	Thorium-232	0.88	PCI/G	0.03			2.1	03/15/2005
SU1FSSB2	2,4,6-Tribromophenol	1700.00	UG/KG	0.00				04/11/2005
SU1FSSB2	2-Fluorobiphenyl	1400.00	UG/KG	0.00				04/11/2005
SU1FSSB2	2-Fluorophenol	1900.00	UG/KG	0.00				04/11/2005
SU1FSSB2	Actinium-227	0.20	PCI/G	0.20	U		4.6	04/11/2005
SU1FSSB2	Americium-241	0.05	PCI/G	0.05	U		63	04/11/2005
SU1FSSB2	Benzo(a)pyrene	390.00	UG/KG	390.00	U	UJ	4080	04/11/2005
SU1FSSB2	Cesium-137	0.04	PCI/G	0.04	U		3.8	04/11/2005
SU1FSSB2	Cobalt-60	0.05	PCI/G	0.05	U		0.7	04/11/2005
SU1FSSB2	Lead-210	0.74	PCI/G	0.47			7.4	04/11/2005
SU1FSSB2	Nitrobenzene-d5	1300.00	UG/KG	0.00				04/11/2005
SU1FSSB2	Phenol-d5	1900.00	UG/KG	0.00				04/11/2005
SU1FSSB2	Plutonium-238	1.56	PCI/G	0.03			55	04/11/2005
SU1FSSB2	Plutonium-239/240	0.01	PCI/G	0.01	J	J	62	04/11/2005
SU1FSSB2	P-Terphenyl-d14	1400.00	UG/KG	0.00				04/11/2005
SU1FSSB2	Radium-226	1.38	PCI/G	0.55			2.9	04/11/2005
SU1FSSB2	Thorium-228	0.49	PCI/G	0.06			2.6	04/11/2005
SU1FSSB2	Thorium-230	0.84	PCI/G	0.06			2.8	04/11/2005
SU1FSSB2	Thorium-232	0.47	PCI/G	0.05			2.1	04/11/2005
SU2FSS002	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005
SU2FSS002	Americium-241	0.06	PCI/G	0.06	U		63	03/15/2005
SU2FSS002	Cesium-137	0.13	PCI/G	0.03			3.8	03/15/2005
SU2FSS002	Cobalt-60	0.03	PCI/G	0.03	U		0.7	03/15/2005
SU2FSS002	Lead-210	1.22	PCI/G	0.62			7.4	03/15/2005
SU2FSS002	Plutonium-238	1.76	PCI/G	0.07			55	03/15/2005
SU2FSS002	Plutonium-239/240	0.05	PCI/G	0.05	U	UJ	62	03/15/2005
SU2FSS002	Radium-226	2.80	PCI/G	0.56			2.9	03/15/2005
SU2FSS002	Thorium-228	0.73	PCI/G	0.05			2.6	03/15/2005
SU2FSS002	Thorium-230	1.24	PCI/G	0.02			2.8	03/15/2005
SU2FSS002	Thorium-232	0.94	PCI/G	0.03			2.1	03/15/2005
SU2FSS003	Actinium-227	0.52	PCI/G	0.52	U		4.6	03/15/2005
SU2FSS003	Americium-241	0.12	PCI/G	0.12	U		63	03/15/2005
SU2FSS003	Cesium-137	0.12	PCI/G	0.08			3.8	03/15/2005
SU2FSS003	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005
SU2FSS003	Lead-210	2.48	PCI/G	1.03			7.4	03/15/2005
SU2FSS003	Plutonium-238	0.62	PCI/G	0.04			55	03/15/2005
SU2FSS003	Plutonium-239/240	0.04	PCI/G	0.04	U	U	62	03/15/2005
SU2FSS003	Radium-226	2.76	PCI/G	1.12			2.9	03/15/2005
SU2FSS003	Thorium-228	0.85	PCI/G	0.05			2.6	03/15/2005
SU2FSS003	Thorium-230	1.35	PCI/G	0.03			2.8	03/15/2005
SU2FSS003	Thorium-232	0.89	PCI/G	0.03			2.1	03/15/2005
SU2FSS004	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005
SU2FSS004	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS004	Cesium-137	0.07	PCI/G	0.05			3.8	03/15/2005
SU2FSS004	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005
SU2FSS004	Lead-210	2.26	PCI/G	0.77			7.4	03/15/2005
SU2FSS004	Plutonium-238	0.76	PCI/G	0.03			55	03/15/2005
SU2FSS004	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005
SU2FSS004	Radium-226	1.77	PCI/G	0.90			2.9	03/15/2005
SU2FSS004	Thorium-228	0.59	PCI/G	0.03			2.6	03/15/2005
SU2FSS004	Thorium-230	0.91	PCI/G	0.01			2.8	03/15/2005
SU2FSS004	Thorium-232	0.49	PCI/G	0.02			2.1	03/15/2005
SU2FSS005	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/15/2005
SU2FSS005	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005
SU2FSS005	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/15/2005
SU2FSS005	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005
SU2FSS005	Lead-210	1.66	PCI/G	0.75			7.4	03/15/2005
SU2FSS005	Plutonium-238	0.24	PCI/G	0.06			55	03/15/2005
SU2FSS005	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/15/2005
SU2FSS005	Radium-226	1.50	PCI/G	0.78			2.9	03/15/2005
SU2FSS005	Thorium-228	0.52	PCI/G	0.05			2.6	03/15/2005
SU2FSS005	Thorium-230	1.04	PCI/G	0.04			2.8	03/15/2005
SU2FSS005	Thorium-232	0.63	PCI/G	0.02			2.1	03/15/2005
SU2FSS006	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/15/2005
SU2FSS006	Americium-241	0.06	PCI/G	0.06	U		63	03/15/2005
SU2FSS006	Cesium-137	0.03	PCI/G	0.03			3.8	03/15/2005
SU2FSS006	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005
SU2FSS006	Lead-210	0.93	PCI/G	0.59			7.4	03/15/2005
SU2FSS006	Plutonium-238	4.98	PCI/G	0.10			55	03/15/2005
SU2FSS006	Plutonium-239/240	0.07	PCI/G	0.08	U	U	62	03/15/2005
SU2FSS006	Radium-226	1.18	PCI/G	0.75			2.9	03/15/2005
SU2FSS006	Thorium-228	0.59	PCI/G	0.04			2.6	03/15/2005
SU2FSS006	Thorium-230	0.65	PCI/G	0.04			2.8	03/15/2005
SU2FSS006	Thorium-232	0.43	PCI/G	0.04			2.1	03/15/2005
SU2FSS007	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/15/2005
SU2FSS007	Americium-241	0.16	PCI/G	0.09			63	03/15/2005
SU2FSS007	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/15/2005
SU2FSS007	Cobalt-60	1.11	PCI/G	1.11	U		0.7	03/15/2005
SU2FSS007	Lead-210	2.98	PCI/G	0.87			7.4	03/15/2005
SU2FSS007	Plutonium-238	21.80	PCI/G	0.07			55	03/15/2005
SU2FSS007	Plutonium-239/240	0.37	PCI/G	0.05			62	03/15/2005
SU2FSS007	Radium-226	1.76	PCI/G	1.02			2.9	03/15/2005
SU2FSS007	Thorium-228	1.23	PCI/G	0.04			2.6	03/15/2005
SU2FSS007	Thorium-230	0.83	PCI/G	0.03			2.8	03/15/2005
SU2FSS007	Thorium-232	0.76	PCI/G	0.03			2.1	03/15/2005
SU2FSS008	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/15/2005
SU2FSS008	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005
SU2FSS008	Cesium-137	0.06	PCI/G	0.04			3.8	03/15/2005
SU2FSS008	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005
SU2FSS008	Lead-210	0.88	PCI/G	0.73			7.4	03/15/2005
SU2FSS008	Plutonium-238	14.90	PCI/G	0.07			55	03/15/2005
SU2FSS008	Plutonium-239/240	0.21	PCI/G	0.05			62	03/15/2005
SU2FSS008	Radium-226	1.51	PCI/G	0.74			2.9	03/15/2005
SU2FSS008	Thorium-228	0.91	PCI/G	0.03			2.6	03/15/2005
SU2FSS008	Thorium-230	0.93	PCI/G	0.02			2.8	03/15/2005
SU2FSS008	Thorium-232	0.60	PCI/G	0.02			2.1	03/15/2005
SU2FSS009	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005
SU2FSS009	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005
SU2FSS009	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/15/2005
SU2FSS009	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005
SU2FSS009	Lead-210	0.72	PCI/G	0.72	U		7.4	03/15/2005
SU2FSS009	Plutonium-238	7.30	PCI/G	0.05			55	03/15/2005
SU2FSS009	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/15/2005
SU2FSS009	Radium-226	1.92	PCI/G	0.81			2.9	03/15/2005
SU2FSS009	Thorium-228	0.96	PCI/G	0.05			2.6	03/15/2005
SU2FSS009	Thorium-230	1.04	PCI/G	0.05			2.8	03/15/2005
SU2FSS009	Thorium-232	0.81	PCI/G	0.04			2.1	03/15/2005
SU2FSS010	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/15/2005
SU2FSS010	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005
SU2FSS010	Cesium-137	0.07	PCI/G	0.06			3.8	03/15/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS010	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005
SU2FSS010	Lead-210	1.39	PCI/G	0.89			7.4	03/15/2005
SU2FSS010	Plutonium-238	0.77	PCI/G	0.04			55	03/15/2005
SU2FSS010	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/15/2005
SU2FSS010	Radium-226	1.90	PCI/G	0.81			2.9	03/15/2005
SU2FSS010	Thorium-228	0.68	PCI/G	0.03			2.6	03/15/2005
SU2FSS010	Thorium-230	1.03	PCI/G	0.02			2.8	03/15/2005
SU2FSS010	Thorium-232	0.70	PCI/G	0.02			2.1	03/15/2005
SU2FSS011	Actinium-227	0.35	PCI/G	0.35	U		4.6	03/15/2005
SU2FSS011	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005
SU2FSS011	Cesium-137	0.59	PCI/G	0.05			3.8	03/15/2005
SU2FSS011	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005
SU2FSS011	Lead-210	2.28	PCI/G	0.94			7.4	03/15/2005
SU2FSS011	Plutonium-238	2.56	PCI/G	0.05			55	03/15/2005
SU2FSS011	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	03/15/2005
SU2FSS011	Radium-226	2.29	PCI/G	1.00			2.9	03/15/2005
SU2FSS011	Thorium-228	0.75	PCI/G	0.03			2.6	03/15/2005
SU2FSS011	Thorium-230	0.89	PCI/G	0.03			2.8	03/15/2005
SU2FSS011	Thorium-232	0.74	PCI/G	0.03			2.1	03/15/2005
SU2FSS012	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005
SU2FSS012	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005
SU2FSS012	Cesium-137	0.16	PCI/G	0.07			3.8	03/15/2005
SU2FSS012	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005
SU2FSS012	Lead-210	2.12	PCI/G	0.81			7.4	03/15/2005
SU2FSS012	Plutonium-238	10.00	PCI/G	0.05			55	03/15/2005
SU2FSS012	Plutonium-239/240	0.23	PCI/G	0.03			62	03/15/2005
SU2FSS012	Radium-226	1.84	PCI/G	0.81			2.9	03/15/2005
SU2FSS012	Thorium-228	1.24	PCI/G	0.05			2.6	03/15/2005
SU2FSS012	Thorium-230	0.97	PCI/G	0.03			2.8	03/15/2005
SU2FSS012	Thorium-232	0.66	PCI/G	0.02			2.1	03/15/2005
SU2FSS013	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/15/2005
SU2FSS013	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005
SU2FSS013	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/15/2005
SU2FSS013	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005
SU2FSS013	Lead-210	1.84	PCI/G	0.82			7.4	03/15/2005
SU2FSS013	Plutonium-238	7.93	PCI/G	0.04			55	03/15/2005
SU2FSS013	Plutonium-239/240	0.08	PCI/G	0.02	J	J	62	03/15/2005
SU2FSS013	Radium-226	1.12	PCI/G	0.99			2.9	03/15/2005
SU2FSS013	Thorium-228	0.55	PCI/G	0.06			2.6	03/15/2005
SU2FSS013	Thorium-230	0.79	PCI/G	0.05			2.8	03/15/2005
SU2FSS013	Thorium-232	0.58	PCI/G	0.03			2.1	03/15/2005
SU2FSS014	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005
SU2FSS014	Americium-241	0.09	PCI/G	0.08			63	03/15/2005
SU2FSS014	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/15/2005
SU2FSS014	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005
SU2FSS014	Lead-210	1.62	PCI/G	0.72			7.4	03/15/2005
SU2FSS014	Plutonium-238	14.20	PCI/G	0.05			55	03/15/2005
SU2FSS014	Plutonium-239/240	0.14	PCI/G	0.02			62	03/15/2005
SU2FSS014	Radium-226	1.47	PCI/G	0.88			2.9	03/15/2005
SU2FSS014	Thorium-228	0.70	PCI/G	0.06			2.6	03/15/2005
SU2FSS014	Thorium-230	0.99	PCI/G	0.04			2.8	03/15/2005
SU2FSS014	Thorium-232	0.73	PCI/G	0.04			2.1	03/15/2005
SU2FSS015	Actinium-227	0.34	PCI/G	0.34	U		4.6	03/15/2005
SU2FSS015	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005
SU2FSS015	Cesium-137	0.10	PCI/G	0.10	U		3.8	03/15/2005
SU2FSS015	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005
SU2FSS015	Lead-210	2.41	PCI/G	1.02			7.4	03/15/2005
SU2FSS015	Plutonium-238	6.19	PCI/G	0.05			55	03/15/2005
SU2FSS015	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/15/2005
SU2FSS015	Radium-226	1.94	PCI/G	1.05			2.9	03/15/2005
SU2FSS015	Thorium-228	0.52	PCI/G	0.03			2.6	03/15/2005
SU2FSS015	Thorium-230	0.78	PCI/G	0.03			2.8	03/15/2005
SU2FSS015	Thorium-232	0.48	PCI/G	0.04			2.1	03/15/2005
SU2FSS016	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/15/2005
SU2FSS016	Americium-241	0.05	PCI/G	0.05	U		63	03/15/2005
SU2FSS016	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/15/2005
SU2FSS016	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/15/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS016	Lead-210	0.53	PCI/G	0.53			7.4	03/15/2005
SU2FSS016	Plutonium-238	4.17	PCI/G	0.05			55	03/15/2005
SU2FSS016	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/15/2005
SU2FSS016	Radium-226	0.89	PCI/G	0.70			2.9	03/15/2005
SU2FSS016	Thorium-228	0.44	PCI/G	0.04			2.6	03/15/2005
SU2FSS016	Thorium-230	0.48	PCI/G	0.02			2.8	03/15/2005
SU2FSS016	Thorium-232	0.22	PCI/G	0.02			2.1	03/15/2005
SU2FSS018	Plutonium-238	2.68	PCI/G	0.04		J	55	03/16/2005
SU2FSS018	Thorium-228	0.41	PCI/G	0.08			2.6	03/16/2005
SU2FSS018	Thorium-230	0.48	PCI/G	0.05			2.8	03/16/2005
SU2FSS018	Thorium-232	0.29	PCI/G	0.04		J	2.1	03/16/2005
SU2FSS022	Actinium-227	0.39	PCI/G	0.39	U		4.6	03/15/2005
SU2FSS022	Americium-241	0.15	PCI/G	0.11			63	03/15/2005
SU2FSS022	Cesium-137	0.12	PCI/G	0.06			3.8	03/15/2005
SU2FSS022	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005
SU2FSS022	Lead-210	1.07	PCI/G	1.01			7.4	03/15/2005
SU2FSS022	Plutonium-238	91.00	PCI/G	0.03		J	55	03/15/2005
SU2FSS022	Plutonium-239/240	0.36	PCI/G	0.02			62	03/15/2005
SU2FSS022	Radium-226	1.34	PCI/G	1.18			2.9	03/15/2005
SU2FSS022	Thorium-228	1.86	PCI/G	0.04			2.6	03/15/2005
SU2FSS022	Thorium-230	1.03	PCI/G	0.04			2.8	03/15/2005
SU2FSS022	Thorium-232	0.75	PCI/G	0.03		J	2.1	03/15/2005
SU2FSS024	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/16/2005
SU2FSS024	Americium-241	0.06	PCI/G	0.06	U		63	03/16/2005
SU2FSS024	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/16/2005
SU2FSS024	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/16/2005
SU2FSS024	Lead-210	1.64	PCI/G	0.56			7.4	03/16/2005
SU2FSS024	Plutonium-238	0.39	PCI/G	0.04			55	03/16/2005
SU2FSS024	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/16/2005
SU2FSS024	Radium-226	0.93	PCI/G	0.55			2.9	03/16/2005
SU2FSS024	Thorium-228	0.17	PCI/G	0.08		J	2.6	03/16/2005
SU2FSS024	Thorium-230	0.30	PCI/G	0.04			2.8	03/16/2005
SU2FSS024	Thorium-232	0.16	PCI/G	0.04			2.1	03/16/2005
SU2FSS044	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/15/2005
SU2FSS044	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005
SU2FSS044	Cesium-137	0.33	PCI/G	0.03			3.8	03/15/2005
SU2FSS044	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005
SU2FSS044	Lead-210	1.82	PCI/G	0.93			7.4	03/15/2005
SU2FSS044	Plutonium-238	5.78	PCI/G	0.03			55	03/15/2005
SU2FSS044	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/15/2005
SU2FSS044	Radium-226	1.32	PCI/G	0.88			2.9	03/15/2005
SU2FSS044	Thorium-228	0.83	PCI/G	0.03			2.6	03/15/2005
SU2FSS044	Thorium-230	1.05	PCI/G	0.02			2.8	03/15/2005
SU2FSS044	Thorium-232	0.66	PCI/G	0.02			2.1	03/15/2005
SU2FSS045	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/14/2005
SU2FSS045	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005
SU2FSS045	Cesium-137	0.33	PCI/G	0.07			3.8	03/14/2005
SU2FSS045	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005
SU2FSS045	Lead-210	1.72	PCI/G	0.89			7.4	03/14/2005
SU2FSS045	Plutonium-238	19.00	PCI/G	0.04			55	03/14/2005
SU2FSS045	Plutonium-239/240	0.37	PCI/G	0.02			62	03/14/2005
SU2FSS045	Radium-226	2.71	PCI/G	1.06			2.9	03/14/2005
SU2FSS045	Thorium-228	1.40	PCI/G	0.04			2.6	03/14/2005
SU2FSS045	Thorium-230	1.48	PCI/G	0.02			2.8	03/14/2005
SU2FSS045	Thorium-232	1.09	PCI/G	0.02			2.1	03/14/2005
SU2FSS046	Actinium-227	0.19	PCI/G	0.19	U		4.6	03/15/2005
SU2FSS046	Americium-241	0.05	PCI/G	0.05	U		63	03/15/2005
SU2FSS046	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/15/2005
SU2FSS046	Cobalt-60	0.03	PCI/G	0.01			0.7	03/15/2005
SU2FSS046	Lead-210	0.56	PCI/G	0.56	U		7.4	03/15/2005
SU2FSS046	Plutonium-238	5.45	PCI/G	0.04		J	55	03/15/2005
SU2FSS046	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005
SU2FSS046	Radium-226	0.75	PCI/G	0.64			2.9	03/15/2005
SU2FSS046	Thorium-228	0.44	PCI/G	0.05			2.6	03/15/2005
SU2FSS046	Thorium-230	0.50	PCI/G	0.04			2.8	03/15/2005
SU2FSS046	Thorium-232	0.40	PCI/G	0.03		J	2.1	03/15/2005
SU2FSS047	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/14/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS047	Americium-241	0.06	PCI/G	0.06	U		63	03/14/2005
SU2FSS047	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/14/2005
SU2FSS047	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/14/2005
SU2FSS047	Lead-210	0.71	PCI/G	0.50			7.4	03/14/2005
SU2FSS047	Plutonium-238	13.90	PCI/G	0.05			55	03/14/2005
SU2FSS047	Plutonium-239/240	0.18	PCI/G	0.04			62	03/14/2005
SU2FSS047	Radium-226	0.74	PCI/G	0.74	U		2.9	03/14/2005
SU2FSS047	Thorium-228	1.01	PCI/G	0.05			2.6	03/14/2005
SU2FSS047	Thorium-230	0.53	PCI/G	0.05			2.8	03/14/2005
SU2FSS047	Thorium-232	0.60	PCI/G	0.04			2.1	03/14/2005
SU2FSS048	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/15/2005
SU2FSS048	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005
SU2FSS048	Cesium-137	0.08	PCI/G	0.05			3.8	03/15/2005
SU2FSS048	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005
SU2FSS048	Lead-210	0.83	PCI/G	0.62			7.4	03/15/2005
SU2FSS048	Plutonium-238	7.83	PCI/G	0.03		J	55	03/15/2005
SU2FSS048	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/15/2005
SU2FSS048	Radium-226	1.84	PCI/G	0.81			2.9	03/15/2005
SU2FSS048	Thorium-228	0.96	PCI/G	0.04			2.6	03/15/2005
SU2FSS048	Thorium-230	1.20	PCI/G	0.02			2.8	03/15/2005
SU2FSS048	Thorium-232	0.83	PCI/G	0.03		J	2.1	03/15/2005
SU2FSS049	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/14/2005
SU2FSS049	Americium-241	0.11	PCI/G	0.11	U		63	03/14/2005
SU2FSS049	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/14/2005
SU2FSS049	Cobalt-60	0.13	PCI/G	0.13	U		0.7	03/14/2005
SU2FSS049	Lead-210	2.15	PCI/G	0.97			7.4	03/14/2005
SU2FSS049	Plutonium-238	8.10	PCI/G	0.04		J	55	03/14/2005
SU2FSS049	Plutonium-239/240	0.01	PCI/G	0.01	U	UJ	62	03/14/2005
SU2FSS049	Radium-226	2.50	PCI/G	1.13			2.9	03/14/2005
SU2FSS049	Thorium-228	1.07	PCI/G	0.03			2.6	03/14/2005
SU2FSS049	Thorium-230	1.49	PCI/G	0.03			2.8	03/14/2005
SU2FSS049	Thorium-232	1.10	PCI/G	0.01		J	2.1	03/14/2005
SU2FSS050	Actinium-227	0.53	PCI/G	0.53	U		4.6	03/14/2005
SU2FSS050	Americium-241	0.10	PCI/G	0.10	U		63	03/14/2005
SU2FSS050	Cesium-137	0.54	PCI/G	0.09			3.8	03/14/2005
SU2FSS050	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/14/2005
SU2FSS050	Lead-210	2.12	PCI/G	1.12			7.4	03/14/2005
SU2FSS050	Plutonium-238	1.93	PCI/G	0.07			55	03/14/2005
SU2FSS050	Plutonium-239/240	0.05	PCI/G	0.05	U	U	62	03/14/2005
SU2FSS050	Radium-226	1.73	PCI/G	1.07			2.9	03/14/2005
SU2FSS050	Thorium-228	0.91	PCI/G	0.03			2.6	03/14/2005
SU2FSS050	Thorium-230	0.87	PCI/G	0.03			2.8	03/14/2005
SU2FSS050	Thorium-232	0.73	PCI/G	0.02			2.1	03/14/2005
SU2FSS051	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005
SU2FSS051	Americium-241	0.13	PCI/G	0.08			63	03/15/2005
SU2FSS051	Cesium-137	0.12	PCI/G	0.06			3.8	03/15/2005
SU2FSS051	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005
SU2FSS051	Lead-210	0.99	PCI/G	0.74			7.4	03/15/2005
SU2FSS051	Plutonium-238	33.30	PCI/G	0.04		J	55	03/15/2005
SU2FSS051	Plutonium-239/240	0.11	PCI/G	0.02			62	03/15/2005
SU2FSS051	Radium-226	1.03	PCI/G	0.77			2.9	03/15/2005
SU2FSS051	Thorium-228	1.49	PCI/G	0.03			2.6	03/15/2005
SU2FSS051	Thorium-230	1.03	PCI/G	0.03			2.8	03/15/2005
SU2FSS051	Thorium-232	0.99	PCI/G	0.03		J	2.1	03/15/2005
SU2FSS052	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/14/2005
SU2FSS052	Americium-241	0.09	PCI/G	0.09	U		63	03/14/2005
SU2FSS052	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/14/2005
SU2FSS052	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/14/2005
SU2FSS052	Lead-210	1.77	PCI/G	0.91			7.4	03/14/2005
SU2FSS052	Plutonium-238	14.30	PCI/G	0.06			55	03/14/2005
SU2FSS052	Plutonium-239/240	0.23	PCI/G	0.04			62	03/14/2005
SU2FSS052	Radium-226	1.83	PCI/G	0.91			2.9	03/14/2005
SU2FSS052	Thorium-228	1.04	PCI/G	0.03			2.6	03/14/2005
SU2FSS052	Thorium-230	0.95	PCI/G	0.03			2.8	03/14/2005
SU2FSS052	Thorium-232	0.89	PCI/G	0.03			2.1	03/14/2005
SU2FSS053	Actinium-227	0.39	PCI/G	0.39	U		4.6	03/15/2005
SU2FSS053	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS053	Cesium-137	0.40	PCI/G	0.07			3.8	03/15/2005
SU2FSS053	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005
SU2FSS053	Lead-210	2.95	PCI/G	0.92			7.4	03/15/2005
SU2FSS053	Plutonium-238	13.80	PCI/G	0.04		J	55	03/15/2005
SU2FSS053	Plutonium-239/240	0.04	PCI/G	0.03	J	J	62	03/15/2005
SU2FSS053	Radium-226	2.18	PCI/G	0.99			2.9	03/15/2005
SU2FSS053	Thorium-228	1.90	PCI/G	0.04			2.6	03/15/2005
SU2FSS053	Thorium-230	1.17	PCI/G	0.03			2.8	03/15/2005
SU2FSS053	Thorium-232	1.46	PCI/G	0.02		J	2.1	03/15/2005
SU2FSS054	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/14/2005
SU2FSS054	Americium-241	0.11	PCI/G	0.11	U		63	03/14/2005
SU2FSS054	Cesium-137	0.17	PCI/G	0.11			3.8	03/14/2005
SU2FSS054	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/14/2005
SU2FSS054	Lead-210	2.79	PCI/G	0.95			7.4	03/14/2005
SU2FSS054	Plutonium-238	1.81	PCI/G	0.06			55	03/14/2005
SU2FSS054	Plutonium-239/240	0.06	PCI/G	0.04	J	J	62	03/14/2005
SU2FSS054	Radium-226	1.37	PCI/G	1.07			2.9	03/14/2005
SU2FSS054	Thorium-228	0.83	PCI/G	0.05			2.6	03/14/2005
SU2FSS054	Thorium-230	0.80	PCI/G	0.03			2.8	03/14/2005
SU2FSS054	Thorium-232	0.85	PCI/G	0.02			2.1	03/14/2005
SU2FSS055	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/14/2005
SU2FSS055	Americium-241	0.04	PCI/G	0.04	U		63	03/14/2005
SU2FSS055	Cesium-137	0.03	PCI/G	0.03			3.8	03/14/2005
SU2FSS055	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/14/2005
SU2FSS055	Lead-210	0.43	PCI/G	0.43	U		7.4	03/14/2005
SU2FSS055	Plutonium-238	5.41	PCI/G	0.05			55	03/14/2005
SU2FSS055	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	03/14/2005
SU2FSS055	Radium-226	0.58	PCI/G	0.52			2.9	03/14/2005
SU2FSS055	Thorium-228	0.51	PCI/G	0.04			2.6	03/14/2005
SU2FSS055	Thorium-230	0.35	PCI/G	0.02		J	2.8	03/14/2005
SU2FSS055	Thorium-232	0.26	PCI/G	0.02			2.1	03/14/2005
SU2FSSB1	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005
SU2FSSB1	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005
SU2FSSB1	Cesium-137	0.06	PCI/G	0.06			3.8	03/15/2005
SU2FSSB1	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005
SU2FSSB1	Lead-210	1.82	PCI/G	0.81			7.4	03/15/2005
SU2FSSB1	Plutonium-238	10.60	PCI/G	0.04			55	03/15/2005
SU2FSSB1	Plutonium-239/240	0.12	PCI/G	0.02			62	03/15/2005
SU2FSSB1	Radium-226	1.02	PCI/G	0.89			2.9	03/15/2005
SU2FSSB1	Thorium-228	0.82	PCI/G	0.04			2.6	03/15/2005
SU2FSSB1	Thorium-230	0.71	PCI/G	0.03			2.8	03/15/2005
SU2FSSB1	Thorium-232	0.56	PCI/G	0.02			2.1	03/15/2005
SU3FSS001	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/16/2005
SU3FSS001	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU3FSS001	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005
SU3FSS001	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/16/2005
SU3FSS001	Lead-210	4.17	PCI/G	0.64			7.4	03/16/2005
SU3FSS001	Plutonium-238	1.46	PCI/G	0.03		J	55	03/16/2005
SU3FSS001	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/16/2005
SU3FSS001	Radium-226	0.72	PCI/G	0.72	U		2.9	03/16/2005
SU3FSS001	Thorium-228	0.29	PCI/G	0.04			2.6	03/16/2005
SU3FSS001	Thorium-230	0.58	PCI/G	0.03			2.8	03/16/2005
SU3FSS001	Thorium-232	0.29	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS002	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005
SU3FSS002	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS002	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005
SU3FSS002	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005
SU3FSS002	Lead-210	1.66	PCI/G	0.69			7.4	03/16/2005
SU3FSS002	Plutonium-238	0.09	PCI/G	0.04	J	J	55	03/16/2005
SU3FSS002	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/16/2005
SU3FSS002	Radium-226	1.21	PCI/G	0.88			2.9	03/16/2005
SU3FSS002	Thorium-228	0.57	PCI/G	0.03			2.6	03/16/2005
SU3FSS002	Thorium-230	0.77	PCI/G	0.03			2.8	03/16/2005
SU3FSS002	Thorium-232	0.54	PCI/G	0.02		J	2.1	03/16/2005
SU3FSS003	Actinium-227	0.19	PCI/G	0.19	U		4.6	03/16/2005
SU3FSS003	Americium-241	0.04	PCI/G	0.04	U		63	03/16/2005
SU3FSS003	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/16/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS003	Cobalt-60	0.03	PCI/G	0.03			0.7	03/16/2005
SU3FSS003	Lead-210	1.65	PCI/G	0.38			7.4	03/16/2005
SU3FSS003	Plutonium-238	0.47	PCI/G	0.04			55	03/16/2005
SU3FSS003	Plutonium-239/240	0.01	PCI/G	0.04	U	UJ	62	03/16/2005
SU3FSS003	Radium-226	0.55	PCI/G	0.55	U		2.9	03/16/2005
SU3FSS003	Thorium-228	0.22	PCI/G	0.03		J	2.6	03/16/2005
SU3FSS003	Thorium-230	0.47	PCI/G	0.04			2.8	03/16/2005
SU3FSS003	Thorium-232	0.22	PCI/G	0.03			2.1	03/16/2005
SU3FSS004	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/16/2005
SU3FSS004	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU3FSS004	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005
SU3FSS004	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/16/2005
SU3FSS004	Lead-210	1.78	PCI/G	0.57			7.4	03/16/2005
SU3FSS004	Plutonium-238	4.61	PCI/G	0.05			55	03/16/2005
SU3FSS004	Plutonium-239/240	0.03	PCI/G	0.04	U	UJ	62	03/16/2005
SU3FSS004	Radium-226	0.96	PCI/G	0.67			2.9	03/16/2005
SU3FSS004	Thorium-228	0.50	PCI/G	0.04		J	2.6	03/16/2005
SU3FSS004	Thorium-230	0.75	PCI/G	0.02			2.8	03/16/2005
SU3FSS004	Thorium-232	0.35	PCI/G	0.02			2.1	03/16/2005
SU3FSS005	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/16/2005
SU3FSS005	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS005	Cesium-137	0.05	PCI/G	0.05			3.8	03/16/2005
SU3FSS005	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU3FSS005	Lead-210	1.40	PCI/G	0.70			7.4	03/16/2005
SU3FSS005	Plutonium-238	16.90	PCI/G	0.09			55	03/16/2005
SU3FSS005	Plutonium-239/240	0.02	PCI/G	0.07	U	UJ	62	03/16/2005
SU3FSS005	Radium-226	1.43	PCI/G	0.73			2.9	03/16/2005
SU3FSS005	Thorium-228	0.58	PCI/G	0.05			2.6	03/16/2005
SU3FSS005	Thorium-230	0.91	PCI/G	0.03			2.8	03/16/2005
SU3FSS005	Thorium-232	0.49	PCI/G	0.02			2.1	03/16/2005
SU3FSS006	Plutonium-238	42.20	PCI/G	0.02			55	03/16/2005
SU3FSS006	Plutonium-239/240	0.14	PCI/G	0.01			62	03/16/2005
SU3FSS006	Thorium-228	0.92	PCI/G	0.06			2.6	03/16/2005
SU3FSS006	Thorium-230	1.16	PCI/G	0.03			2.8	03/16/2005
SU3FSS006	Thorium-232	0.80	PCI/G	0.01			2.1	03/16/2005
SU3FSS007	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/16/2005
SU3FSS007	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU3FSS007	Cesium-137	0.10	PCI/G	0.03			3.8	03/16/2005
SU3FSS007	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005
SU3FSS007	Lead-210	1.15	PCI/G	0.72			7.4	03/16/2005
SU3FSS007	Plutonium-238	0.41	PCI/G	0.06			55	03/16/2005
SU3FSS007	Plutonium-239/240	0.01	PCI/G	0.05	U	UJ	62	03/16/2005
SU3FSS007	Radium-226	1.28	PCI/G	0.72			2.9	03/16/2005
SU3FSS007	Thorium-228	0.62	PCI/G	0.05			2.6	03/16/2005
SU3FSS007	Thorium-230	0.72	PCI/G	0.05			2.8	03/16/2005
SU3FSS007	Thorium-232	0.58	PCI/G	0.02			2.1	03/16/2005
SU3FSS008	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/16/2005
SU3FSS008	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU3FSS008	Cesium-137	0.05	PCI/G	0.05			3.8	03/16/2005
SU3FSS008	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005
SU3FSS008	Lead-210	1.28	PCI/G	0.70			7.4	03/16/2005
SU3FSS008	Plutonium-238	1.69	PCI/G	0.10			55	03/16/2005
SU3FSS008	Plutonium-239/240	0.06	PCI/G	0.06	U	U	62	03/16/2005
SU3FSS008	Radium-226	1.16	PCI/G	0.66			2.9	03/16/2005
SU3FSS008	Thorium-228	0.39	PCI/G	0.08		J	2.6	03/16/2005
SU3FSS008	Thorium-230	0.60	PCI/G	0.05			2.8	03/16/2005
SU3FSS008	Thorium-232	0.37	PCI/G	0.04			2.1	03/16/2005
SU3FSS009	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/16/2005
SU3FSS009	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005
SU3FSS009	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/16/2005
SU3FSS009	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/16/2005
SU3FSS009	Lead-210	1.26	PCI/G	0.96			7.4	03/16/2005
SU3FSS009	Plutonium-238	0.64	PCI/G	0.04			55	03/16/2005
SU3FSS009	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/16/2005
SU3FSS009	Radium-226	1.01	PCI/G	1.01	U		2.9	03/16/2005
SU3FSS009	Thorium-228	0.85	PCI/G	0.07			2.6	03/16/2005
SU3FSS009	Thorium-230	0.92	PCI/G	0.04			2.8	03/16/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS009	Thorium-232	0.79	PCI/G	0.03			2.1	03/16/2005
SU3FSS010	Actinium-227	0.34	PCI/G	0.34	U		4.6	03/16/2005
SU3FSS010	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005
SU3FSS010	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/16/2005
SU3FSS010	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU3FSS010	Lead-210	1.04	PCI/G	0.90			7.4	03/16/2005
SU3FSS010	Plutonium-238	0.32	PCI/G	0.04			55	03/16/2005
SU3FSS010	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/16/2005
SU3FSS010	Radium-226	2.36	PCI/G	0.97			2.9	03/16/2005
SU3FSS010	Thorium-228	0.60	PCI/G	0.06			2.6	03/16/2005
SU3FSS010	Thorium-230	1.01	PCI/G	0.04			2.8	03/16/2005
SU3FSS010	Thorium-232	0.65	PCI/G	0.02			2.1	03/16/2005
SU3FSS011	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/16/2005
SU3FSS011	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005
SU3FSS011	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/16/2005
SU3FSS011	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005
SU3FSS011	Lead-210	1.33	PCI/G	0.92			7.4	03/16/2005
SU3FSS011	Plutonium-238	6.60	PCI/G	0.07			55	03/16/2005
SU3FSS011	Plutonium-239/240	0.07	PCI/G	0.03	J	J	62	03/16/2005
SU3FSS011	Radium-226	0.97	PCI/G	0.94			2.9	03/16/2005
SU3FSS011	Thorium-228	0.69	PCI/G	0.07			2.6	03/16/2005
SU3FSS011	Thorium-230	0.82	PCI/G	0.02			2.8	03/16/2005
SU3FSS011	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005
SU3FSS012	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/16/2005
SU3FSS012	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS012	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/16/2005
SU3FSS012	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005
SU3FSS012	Lead-210	1.90	PCI/G	0.66			7.4	03/16/2005
SU3FSS012	Plutonium-238	14.50	PCI/G	0.04			55	03/16/2005
SU3FSS012	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	03/16/2005
SU3FSS012	Radium-226	1.32	PCI/G	0.74			2.9	03/16/2005
SU3FSS012	Thorium-228	0.65	PCI/G	0.04			2.6	03/16/2005
SU3FSS012	Thorium-230	0.59	PCI/G	0.03			2.8	03/16/2005
SU3FSS012	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005
SU3FSS015	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/16/2005
SU3FSS015	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS015	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/16/2005
SU3FSS015	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005
SU3FSS015	Lead-210	1.67	PCI/G	0.85			7.4	03/16/2005
SU3FSS015	Plutonium-238	0.80	PCI/G	0.04			55	03/16/2005
SU3FSS015	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/16/2005
SU3FSS015	Radium-226	1.32	PCI/G	0.77			2.9	03/16/2005
SU3FSS015	Thorium-228	0.58	PCI/G	0.05			2.6	03/16/2005
SU3FSS015	Thorium-230	0.85	PCI/G	0.03			2.8	03/16/2005
SU3FSS015	Thorium-232	0.52	PCI/G	0.03			2.1	03/16/2005
SU3FSS016	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/16/2005
SU3FSS016	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS016	Cesium-137	0.09	PCI/G	0.06			3.8	03/16/2005
SU3FSS016	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005
SU3FSS016	Lead-210	1.96	PCI/G	0.68			7.4	03/16/2005
SU3FSS016	Plutonium-238	2.20	PCI/G	0.04			55	03/16/2005
SU3FSS016	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/16/2005
SU3FSS016	Radium-226	1.69	PCI/G	0.76			2.9	03/16/2005
SU3FSS016	Thorium-228	0.56	PCI/G	0.07			2.6	03/16/2005
SU3FSS016	Thorium-230	1.02	PCI/G	0.04			2.8	03/16/2005
SU3FSS016	Thorium-232	0.59	PCI/G	0.04			2.1	03/16/2005
SU3FSS017	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/16/2005
SU3FSS017	Americium-241	0.06	PCI/G	0.06	U		63	03/16/2005
SU3FSS017	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005
SU3FSS017	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU3FSS017	Lead-210	1.03	PCI/G	0.59			7.4	03/16/2005
SU3FSS017	Plutonium-238	0.15	PCI/G	0.05			55	03/16/2005
SU3FSS017	Plutonium-239/240	0.00	PCI/G	0.04	U	UJ	62	03/16/2005
SU3FSS017	Radium-226	0.82	PCI/G	0.71			2.9	03/16/2005
SU3FSS017	Thorium-228	0.25	PCI/G	0.23	J	J	2.6	03/16/2005
SU3FSS017	Thorium-230	0.46	PCI/G	0.10		J	2.8	03/16/2005
SU3FSS017	Thorium-232	0.21	PCI/G	0.05	J	J	2.1	03/16/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS018	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005
SU3FSS018	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005
SU3FSS018	Cesium-137	0.06	PCI/G	0.06			3.8	03/16/2005
SU3FSS018	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/16/2005
SU3FSS018	Lead-210	2.42	PCI/G	0.73			7.4	03/16/2005
SU3FSS018	Plutonium-238	1.63	PCI/G	0.05			55	03/16/2005
SU3FSS018	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/16/2005
SU3FSS018	Radium-226	1.90	PCI/G	0.86			2.9	03/16/2005
SU3FSS018	Thorium-228	0.59	PCI/G	0.07			2.6	03/16/2005
SU3FSS018	Thorium-230	0.76	PCI/G	0.04			2.8	03/16/2005
SU3FSS018	Thorium-232	0.60	PCI/G	0.04			2.1	03/16/2005
SU3FSS019	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/16/2005
SU3FSS019	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS019	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/16/2005
SU3FSS019	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/16/2005
SU3FSS019	Lead-210	1.56	PCI/G	0.90			7.4	03/16/2005
SU3FSS019	Plutonium-238	2.88	PCI/G	0.04			55	03/16/2005
SU3FSS019	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/16/2005
SU3FSS019	Radium-226	1.46	PCI/G	0.93			2.9	03/16/2005
SU3FSS019	Thorium-228	0.43	PCI/G	0.04		J	2.6	03/16/2005
SU3FSS019	Thorium-230	0.52	PCI/G	0.04			2.8	03/16/2005
SU3FSS019	Thorium-232	0.31	PCI/G	0.03			2.1	03/16/2005
SU3FSS026	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/16/2005
SU3FSS026	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005
SU3FSS026	Cesium-137	0.11	PCI/G	0.06			3.8	03/16/2005
SU3FSS026	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU3FSS026	Lead-210	2.29	PCI/G	0.86			7.4	03/16/2005
SU3FSS026	Plutonium-238	6.75	PCI/G	0.04			55	03/16/2005
SU3FSS026	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/16/2005
SU3FSS026	Radium-226	1.24	PCI/G	0.74			2.9	03/16/2005
SU3FSS026	Thorium-228	0.78	PCI/G	0.05			2.6	03/16/2005
SU3FSS026	Thorium-230	1.18	PCI/G	0.03			2.8	03/16/2005
SU3FSS026	Thorium-232	0.59	PCI/G	0.02		J	2.1	03/16/2005
SU3FSS027	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/16/2005
SU3FSS027	Americium-241	0.06	PCI/G	0.06	U		63	03/16/2005
SU3FSS027	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005
SU3FSS027	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005
SU3FSS027	Lead-210	1.22	PCI/G	0.57			7.4	03/16/2005
SU3FSS027	Plutonium-238	0.04	PCI/G	0.03	J	J	55	03/16/2005
SU3FSS027	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/16/2005
SU3FSS027	Radium-226	1.28	PCI/G	0.69			2.9	03/16/2005
SU3FSS027	Thorium-228	0.58	PCI/G	0.04			2.6	03/16/2005
SU3FSS027	Thorium-230	1.08	PCI/G	0.03			2.8	03/16/2005
SU3FSS027	Thorium-232	0.51	PCI/G	0.02		J	2.1	03/16/2005
SU3FSS028	Plutonium-238	0.54	PCI/G	0.05			55	03/16/2005
SU3FSS028	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005
SU3FSS028	Thorium-228	0.59	PCI/G	0.04			2.6	03/16/2005
SU3FSS028	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005
SU3FSS028	Thorium-232	0.64	PCI/G	0.01			2.1	03/16/2005
SU3FSS029	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005
SU3FSS029	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS029	Cesium-137	0.21	PCI/G	0.06			3.8	03/16/2005
SU3FSS029	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005
SU3FSS029	Lead-210	1.94	PCI/G	0.80			7.4	03/16/2005
SU3FSS029	Plutonium-238	0.35	PCI/G	0.03			55	03/16/2005
SU3FSS029	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/16/2005
SU3FSS029	Radium-226	1.38	PCI/G	0.91			2.9	03/16/2005
SU3FSS029	Thorium-228	0.74	PCI/G	0.03			2.6	03/16/2005
SU3FSS029	Thorium-230	1.27	PCI/G	0.02			2.8	03/16/2005
SU3FSS029	Thorium-232	0.91	PCI/G	0.01		J	2.1	03/16/2005
SU3FSS030	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/16/2005
SU3FSS030	Americium-241	0.05	PCI/G	0.05	U		63	03/16/2005
SU3FSS030	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/16/2005
SU3FSS030	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005
SU3FSS030	Lead-210	2.55	PCI/G	0.64			7.4	03/16/2005
SU3FSS030	Plutonium-238	0.65	PCI/G	0.04			55	03/16/2005
SU3FSS030	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/16/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS030	Radium-226	1.12	PCI/G	0.56			2.9	03/16/2005
SU3FSS030	Thorium-228	0.27	PCI/G	0.03			2.6	03/16/2005
SU3FSS030	Thorium-230	0.43	PCI/G	0.04			2.8	03/16/2005
SU3FSS030	Thorium-232	0.27	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS031	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005
SU3FSS031	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS031	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005
SU3FSS031	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005
SU3FSS031	Lead-210	1.34	PCI/G	0.69			7.4	03/16/2005
SU3FSS031	Plutonium-238	2.13	PCI/G	0.06			55	03/16/2005
SU3FSS031	Plutonium-239/240	0.02	PCI/G	0.05	U	UJ	62	03/16/2005
SU3FSS031	Radium-226	1.19	PCI/G	0.82			2.9	03/16/2005
SU3FSS031	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005
SU3FSS031	Thorium-230	0.67	PCI/G	0.02			2.8	03/16/2005
SU3FSS031	Thorium-232	0.40	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS032	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/16/2005
SU3FSS032	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU3FSS032	Cesium-137	0.06	PCI/G	0.05			3.8	03/16/2005
SU3FSS032	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005
SU3FSS032	Lead-210	1.10	PCI/G	0.75			7.4	03/16/2005
SU3FSS032	Plutonium-238	0.80	PCI/G	0.06			55	03/16/2005
SU3FSS032	Plutonium-239/240	0.00	PCI/G	0.05	U	UJ	62	03/16/2005
SU3FSS032	Radium-226	1.69	PCI/G	0.79			2.9	03/16/2005
SU3FSS032	Thorium-228	0.88	PCI/G	0.05			2.6	03/16/2005
SU3FSS032	Thorium-230	0.88	PCI/G	0.03			2.8	03/16/2005
SU3FSS032	Thorium-232	0.61	PCI/G	0.02		J	2.1	03/16/2005
SU3FSS040	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/15/2005
SU3FSS040	Americium-241	0.08	PCI/G	0.07			63	03/15/2005
SU3FSS040	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/15/2005
SU3FSS040	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005
SU3FSS040	Lead-210	0.77	PCI/G	0.62			7.4	03/15/2005
SU3FSS040	Plutonium-238	12.70	PCI/G	0.03			55	03/15/2005
SU3FSS040	Plutonium-239/240	0.04	PCI/G	0.01	J	J	62	03/15/2005
SU3FSS040	Radium-226	0.92	PCI/G	0.74			2.9	03/15/2005
SU3FSS040	Thorium-228	0.94	PCI/G	0.03			2.6	03/15/2005
SU3FSS040	Thorium-230	1.26	PCI/G	0.03			2.8	03/15/2005
SU3FSS040	Thorium-232	0.92	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS041	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005
SU3FSS041	Americium-241	0.08	PCI/G	0.08			63	03/15/2005
SU3FSS041	Cesium-137	0.40	PCI/G	0.07			3.8	03/15/2005
SU3FSS041	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005
SU3FSS041	Lead-210	2.10	PCI/G	0.70			7.4	03/15/2005
SU3FSS041	Plutonium-238	18.40	PCI/G	0.04			55	03/15/2005
SU3FSS041	Plutonium-239/240	0.09	PCI/G	0.02	J	J	62	03/15/2005
SU3FSS041	Radium-226	1.96	PCI/G	0.81			2.9	03/15/2005
SU3FSS041	Thorium-228	0.80	PCI/G	0.03			2.6	03/15/2005
SU3FSS041	Thorium-230	1.12	PCI/G	0.03			2.8	03/15/2005
SU3FSS041	Thorium-232	0.89	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS042	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005
SU3FSS042	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005
SU3FSS042	Cesium-137	0.28	PCI/G	0.04			3.8	03/15/2005
SU3FSS042	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005
SU3FSS042	Lead-210	2.39	PCI/G	0.78			7.4	03/15/2005
SU3FSS042	Plutonium-238	0.95	PCI/G	0.04			55	03/15/2005
SU3FSS042	Plutonium-239/240	0.02	PCI/G	0.01	J	J	62	03/15/2005
SU3FSS042	Radium-226	1.18	PCI/G	0.84			2.9	03/15/2005
SU3FSS042	Thorium-228	1.13	PCI/G	0.04			2.6	03/15/2005
SU3FSS042	Thorium-230	1.48	PCI/G	0.03			2.8	03/15/2005
SU3FSS042	Thorium-232	0.98	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS043	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/15/2005
SU3FSS043	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005
SU3FSS043	Cesium-137	0.26	PCI/G	0.05			3.8	03/15/2005
SU3FSS043	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005
SU3FSS043	Lead-210	2.04	PCI/G	0.77			7.4	03/15/2005
SU3FSS043	Plutonium-238	0.33	PCI/G	0.05			55	03/15/2005
SU3FSS043	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS043	Radium-226	2.10	PCI/G	0.83			2.9	03/15/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS043	Thorium-228	0.83	PCI/G	0.03			2.6	03/15/2005
SU3FSS043	Thorium-230	1.19	PCI/G	0.03			2.8	03/15/2005
SU3FSS043	Thorium-232	0.81	PCI/G	0.03		J	2.1	03/15/2005
SU3FSS044	Actinium-227	0.44	PCI/G	0.44	U		4.6	03/15/2005
SU3FSS044	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005
SU3FSS044	Cesium-137	0.40	PCI/G	0.40	U		3.8	03/15/2005
SU3FSS044	Cobalt-60	0.12	PCI/G	0.04			0.7	03/15/2005
SU3FSS044	Lead-210	1.78	PCI/G	0.80			7.4	03/15/2005
SU3FSS044	Plutonium-238	0.33	PCI/G	0.05			55	03/15/2005
SU3FSS044	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS044	Radium-226	2.56	PCI/G	0.93			2.9	03/15/2005
SU3FSS044	Thorium-228	0.60	PCI/G	0.03			2.6	03/15/2005
SU3FSS044	Thorium-230	0.65	PCI/G	0.02			2.8	03/15/2005
SU3FSS044	Thorium-232	0.37	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS045	Actinium-227	0.40	PCI/G	0.40	U		4.6	03/15/2005
SU3FSS045	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005
SU3FSS045	Cesium-137	0.17	PCI/G	0.08			3.8	03/15/2005
SU3FSS045	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005
SU3FSS045	Lead-210	2.54	PCI/G	1.09			7.4	03/15/2005
SU3FSS045	Plutonium-238	0.36	PCI/G	0.04			55	03/15/2005
SU3FSS045	Plutonium-239/240	0.01	PCI/G	0.01	U	UJ	62	03/15/2005
SU3FSS045	Radium-226	2.75	PCI/G	1.27			2.9	03/15/2005
SU3FSS045	Thorium-228	1.06	PCI/G	0.05		J	2.6	03/15/2005
SU3FSS045	Thorium-230	1.62	PCI/G	0.03			2.8	03/15/2005
SU3FSS045	Thorium-232	0.91	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS046	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005
SU3FSS046	Americium-241	0.11	PCI/G	0.11	U		63	03/15/2005
SU3FSS046	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/15/2005
SU3FSS046	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/15/2005
SU3FSS046	Lead-210	1.14	PCI/G	1.00			7.4	03/15/2005
SU3FSS046	Plutonium-238	0.16	PCI/G	0.04			55	03/15/2005
SU3FSS046	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS046	Radium-226	2.17	PCI/G	1.00			2.9	03/15/2005
SU3FSS046	Thorium-228	0.76	PCI/G	0.03		J	2.6	03/15/2005
SU3FSS046	Thorium-230	1.36	PCI/G	0.02			2.8	03/15/2005
SU3FSS046	Thorium-232	0.72	PCI/G	0.03		J	2.1	03/15/2005
SU3FSS047	Actinium-227	0.35	PCI/G	0.35	U		4.6	03/15/2005
SU3FSS047	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005
SU3FSS047	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/15/2005
SU3FSS047	Cobalt-60	0.12	PCI/G	0.12	U		0.7	03/15/2005
SU3FSS047	Lead-210	2.02	PCI/G	0.86			7.4	03/15/2005
SU3FSS047	Plutonium-238	0.13	PCI/G	0.04			55	03/15/2005
SU3FSS047	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS047	Radium-226	1.53	PCI/G	1.05			2.9	03/15/2005
SU3FSS047	Thorium-228	0.56	PCI/G	0.03		J	2.6	03/15/2005
SU3FSS047	Thorium-230	1.26	PCI/G	0.03			2.8	03/15/2005
SU3FSS047	Thorium-232	0.55	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS048	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/15/2005
SU3FSS048	Americium-241	0.11	PCI/G	0.11	U		63	03/15/2005
SU3FSS048	Cesium-137	0.07	PCI/G	0.07			3.8	03/15/2005
SU3FSS048	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005
SU3FSS048	Lead-210	2.76	PCI/G	1.01			7.4	03/15/2005
SU3FSS048	Plutonium-238	0.21	PCI/G	0.04			55	03/15/2005
SU3FSS048	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS048	Radium-226	1.68	PCI/G	0.99			2.9	03/15/2005
SU3FSS048	Thorium-228	0.45	PCI/G	0.03		J	2.6	03/15/2005
SU3FSS048	Thorium-230	0.89	PCI/G	0.02			2.8	03/15/2005
SU3FSS048	Thorium-232	0.38	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS049	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005
SU3FSS049	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005
SU3FSS049	Cesium-137	0.06	PCI/G	0.03			3.8	03/15/2005
SU3FSS049	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/15/2005
SU3FSS049	Lead-210	3.02	PCI/G	0.73			7.4	03/15/2005
SU3FSS049	Plutonium-238	2.27	PCI/G	0.04			55	03/15/2005
SU3FSS049	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS049	Radium-226	1.23	PCI/G	0.81			2.9	03/15/2005
SU3FSS049	Thorium-228	0.46	PCI/G	0.06		J	2.6	03/15/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS049	Thorium-230	0.74	PCI/G	0.04			2.8	03/15/2005
SU3FSS049	Thorium-232	0.33	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS051	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/16/2005
SU3FSS051	Americium-241	0.07	PCI/G	0.07			63	03/16/2005
SU3FSS051	Cesium-137	0.07	PCI/G	0.05			3.8	03/16/2005
SU3FSS051	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/16/2005
SU3FSS051	Lead-210	2.04	PCI/G	0.74			7.4	03/16/2005
SU3FSS051	Plutonium-238	13.20	PCI/G	0.04			55	03/16/2005
SU3FSS051	Radium-226	1.12	PCI/G	0.75			2.9	03/16/2005
SU3FSS051	Thorium-228	0.65	PCI/G	0.05		J	2.6	03/16/2005
SU3FSS051	Thorium-230	0.86	PCI/G	0.04			2.8	03/16/2005
SU3FSS051	Thorium-232	0.65	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS052	Actinium-227	0.37	PCI/G	0.37	U		4.6	03/15/2005
SU3FSS052	Americium-241	0.10	PCI/G	0.10	U		63	03/15/2005
SU3FSS052	Cesium-137	0.09	PCI/G	0.09	U		3.8	03/15/2005
SU3FSS052	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005
SU3FSS052	Lead-210	2.00	PCI/G	0.94			7.4	03/15/2005
SU3FSS052	Plutonium-238	6.16	PCI/G	0.04			55	03/15/2005
SU3FSS052	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	03/15/2005
SU3FSS052	Radium-226	1.39	PCI/G	1.08			2.9	03/15/2005
SU3FSS052	Thorium-228	0.91	PCI/G	0.08		J	2.6	03/15/2005
SU3FSS052	Thorium-230	0.89	PCI/G	0.08			2.8	03/15/2005
SU3FSS052	Thorium-232	0.73	PCI/G	0.07		J	2.1	03/15/2005
SU3FSS055	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/15/2005
SU3FSS055	Americium-241	0.09	PCI/G	0.08			63	03/15/2005
SU3FSS055	Cesium-137	0.26	PCI/G	0.05			3.8	03/15/2005
SU3FSS055	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005
SU3FSS055	Lead-210	2.40	PCI/G	0.88			7.4	03/15/2005
SU3FSS055	Plutonium-238	24.30	PCI/G	0.03			55	03/15/2005
SU3FSS055	Plutonium-239/240	0.36	PCI/G	0.02			62	03/15/2005
SU3FSS055	Radium-226	1.69	PCI/G	1.02			2.9	03/15/2005
SU3FSS055	Thorium-228	1.05	PCI/G	0.06		J	2.6	03/15/2005
SU3FSS055	Thorium-230	1.08	PCI/G	0.05			2.8	03/15/2005
SU3FSS055	Thorium-232	0.79	PCI/G	0.03		J	2.1	03/15/2005
SU3FSS063	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/16/2005
SU3FSS063	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS063	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/16/2005
SU3FSS063	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/16/2005
SU3FSS063	Lead-210	1.69	PCI/G	0.65			7.4	03/16/2005
SU3FSS063	Plutonium-238	17.50	PCI/G	0.03			55	03/16/2005
SU3FSS063	Plutonium-239/240	0.22	PCI/G	0.02			62	03/16/2005
SU3FSS063	Radium-226	1.36	PCI/G	0.81			2.9	03/16/2005
SU3FSS063	Thorium-228	0.89	PCI/G	0.05		J	2.6	03/16/2005
SU3FSS063	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005
SU3FSS063	Thorium-232	0.78	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS064	Actinium-227	0.42	PCI/G	0.42	U		4.6	03/16/2005
SU3FSS064	Americium-241	0.10	PCI/G	0.10	U		63	03/16/2005
SU3FSS064	Cesium-137	0.13	PCI/G	0.07			3.8	03/16/2005
SU3FSS064	Cobalt-60	0.13	PCI/G	0.13	U		0.7	03/16/2005
SU3FSS064	Lead-210	1.94	PCI/G	0.97			7.4	03/16/2005
SU3FSS064	Plutonium-238	0.63	PCI/G	0.03			55	03/16/2005
SU3FSS064	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	03/16/2005
SU3FSS064	Radium-226	2.27	PCI/G	1.09			2.9	03/16/2005
SU3FSS064	Thorium-228	0.86	PCI/G	0.16		J	2.6	03/16/2005
SU3FSS064	Thorium-230	1.18	PCI/G	0.05			2.8	03/16/2005
SU3FSS064	Thorium-232	0.64	PCI/G	0.12		J	2.1	03/16/2005
SU3FSS065	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/15/2005
SU3FSS065	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005
SU3FSS065	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/15/2005
SU3FSS065	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/15/2005
SU3FSS065	Lead-210	1.82	PCI/G	0.66			7.4	03/15/2005
SU3FSS065	Plutonium-238	0.11	PCI/G	0.04		J	55	03/15/2005
SU3FSS065	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS065	Radium-226	1.97	PCI/G	0.79			2.9	03/15/2005
SU3FSS065	Thorium-228	0.63	PCI/G	0.06			2.6	03/15/2005
SU3FSS065	Thorium-230	1.06	PCI/G	0.02			2.8	03/15/2005
SU3FSS065	Thorium-232	0.51	PCI/G	0.02			2.1	03/15/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS068	Actinium-227	0.47	PCI/G	0.47	U		4.6	03/15/2005
SU3FSS068	Americium-241	0.12	PCI/G	0.12	U		63	03/15/2005
SU3FSS068	Cesium-137	0.19	PCI/G	0.07			3.8	03/15/2005
SU3FSS068	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/15/2005
SU3FSS068	Lead-210	1.85	PCI/G	0.91			7.4	03/15/2005
SU3FSS068	Plutonium-238	1.03	PCI/G	0.04		J	55	03/15/2005
SU3FSS068	Plutonium-239/240	0.04	PCI/G	0.02	J	J	62	03/15/2005
SU3FSS068	Radium-226	1.69	PCI/G	1.21			2.9	03/15/2005
SU3FSS068	Thorium-228	0.93	PCI/G	0.05			2.6	03/15/2005
SU3FSS068	Thorium-230	1.07	PCI/G	0.04			2.8	03/15/2005
SU3FSS068	Thorium-232	0.99	PCI/G	0.03			2.1	03/15/2005
SU3FSS069	Actinium-227	0.35	PCI/G	0.35	U		4.6	03/15/2005
SU3FSS069	Americium-241	0.12	PCI/G	0.12	U		63	03/15/2005
SU3FSS069	Cesium-137	0.10	PCI/G	0.10	U		3.8	03/15/2005
SU3FSS069	Cobalt-60	0.08	PCI/G	0.01			0.7	03/15/2005
SU3FSS069	Lead-210	1.12	PCI/G	1.12	U		7.4	03/15/2005
SU3FSS069	Plutonium-238	0.60	PCI/G	0.04		J	55	03/15/2005
SU3FSS069	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS069	Radium-226	1.75	PCI/G	1.14			2.9	03/15/2005
SU3FSS069	Thorium-228	1.04	PCI/G	0.03			2.6	03/15/2005
SU3FSS069	Thorium-230	0.74	PCI/G	0.03			2.8	03/15/2005
SU3FSS069	Thorium-232	0.78	PCI/G	0.02			2.1	03/15/2005
SU3FSS077	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/15/2005
SU3FSS077	Americium-241	0.09	PCI/G	0.09	U		63	03/15/2005
SU3FSS077	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/15/2005
SU3FSS077	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005
SU3FSS077	Lead-210	2.03	PCI/G	0.82			7.4	03/15/2005
SU3FSS077	Plutonium-238	39.30	PCI/G	0.04		J	55	03/15/2005
SU3FSS077	Plutonium-239/240	0.72	PCI/G	0.02			62	03/15/2005
SU3FSS077	Radium-226	0.97	PCI/G	0.97	U		2.9	03/15/2005
SU3FSS077	Thorium-228	0.87	PCI/G	0.02			2.6	03/15/2005
SU3FSS077	Thorium-230	0.73	PCI/G	0.02			2.8	03/15/2005
SU3FSS077	Thorium-232	0.75	PCI/G	0.02			2.1	03/15/2005
SU3FSS078	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/16/2005
SU3FSS078	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005
SU3FSS078	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005
SU3FSS078	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005
SU3FSS078	Lead-210	1.09	PCI/G	0.70			7.4	03/16/2005
SU3FSS078	Plutonium-238	13.50	PCI/G	0.03		J	55	03/16/2005
SU3FSS078	Plutonium-239/240	0.17	PCI/G	0.03			62	03/16/2005
SU3FSS078	Radium-226	1.45	PCI/G	0.88			2.9	03/16/2005
SU3FSS078	Thorium-228	0.78	PCI/G	0.04			2.6	03/16/2005
SU3FSS078	Thorium-230	0.66	PCI/G	0.03			2.8	03/16/2005
SU3FSS078	Thorium-232	0.54	PCI/G	0.02			2.1	03/16/2005
SU3FSS079	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/16/2005
SU3FSS079	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU3FSS079	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005
SU3FSS079	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU3FSS079	Lead-210	1.29	PCI/G	0.59			7.4	03/16/2005
SU3FSS079	Plutonium-238	7.85	PCI/G	0.03		J	55	03/16/2005
SU3FSS079	Plutonium-239/240	0.09	PCI/G	0.02	J	J	62	03/16/2005
SU3FSS079	Radium-226	1.34	PCI/G	0.69			2.9	03/16/2005
SU3FSS079	Thorium-228	0.48	PCI/G	0.03			2.6	03/16/2005
SU3FSS079	Thorium-230	0.56	PCI/G	0.02			2.8	03/16/2005
SU3FSS079	Thorium-232	0.34	PCI/G	0.02			2.1	03/16/2005
SU3FSS084	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/15/2005
SU3FSS084	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005
SU3FSS084	Cesium-137	0.26	PCI/G	0.05			3.8	03/15/2005
SU3FSS084	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005
SU3FSS084	Lead-210	1.42	PCI/G	0.69			7.4	03/15/2005
SU3FSS084	Plutonium-238	1.39	PCI/G	0.05			55	03/15/2005
SU3FSS084	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/15/2005
SU3FSS084	Radium-226	1.45	PCI/G	0.85			2.9	03/15/2005
SU3FSS084	Thorium-228	1.04	PCI/G	0.05			2.6	03/15/2005
SU3FSS084	Thorium-230	0.87	PCI/G	0.04			2.8	03/15/2005
SU3FSS084	Thorium-232	1.00	PCI/G	0.02			2.1	03/15/2005
SU3FSS085	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/15/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS085	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005
SU3FSS085	Cesium-137	0.18	PCI/G	0.04			3.8	03/15/2005
SU3FSS085	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/15/2005
SU3FSS085	Lead-210	0.68	PCI/G	0.67			7.4	03/15/2005
SU3FSS085	Plutonium-238	0.45	PCI/G	0.04			55	03/15/2005
SU3FSS085	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/15/2005
SU3FSS085	Radium-226	1.57	PCI/G	0.76			2.9	03/15/2005
SU3FSS085	Thorium-228	1.01	PCI/G	0.05			2.6	03/15/2005
SU3FSS085	Thorium-230	1.07	PCI/G	0.04			2.8	03/15/2005
SU3FSS085	Thorium-232	0.70	PCI/G	0.02			2.1	03/15/2005
SU3FSS086	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/15/2005
SU3FSS086	Americium-241	0.08	PCI/G	0.08	U		63	03/15/2005
SU3FSS086	Cesium-137	0.12	PCI/G	0.06			3.8	03/15/2005
SU3FSS086	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/15/2005
SU3FSS086	Lead-210	0.95	PCI/G	0.78			7.4	03/15/2005
SU3FSS086	Plutonium-238	1.40	PCI/G	0.04			55	03/15/2005
SU3FSS086	Plutonium-239/240	0.03	PCI/G	0.01	J	J	62	03/15/2005
SU3FSS086	Radium-226	1.12	PCI/G	0.75			2.9	03/15/2005
SU3FSS086	Thorium-228	0.77	PCI/G	0.04			2.6	03/15/2005
SU3FSS086	Thorium-230	0.97	PCI/G	0.04			2.8	03/15/2005
SU3FSS086	Thorium-232	0.68	PCI/G	0.02			2.1	03/15/2005
SU3FSS087	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/15/2005
SU3FSS087	Americium-241	0.07	PCI/G	0.07	U		63	03/15/2005
SU3FSS087	Cesium-137	0.15	PCI/G	0.04			3.8	03/15/2005
SU3FSS087	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/15/2005
SU3FSS087	Lead-210	1.47	PCI/G	0.61			7.4	03/15/2005
SU3FSS087	Plutonium-238	1.99	PCI/G	0.04			55	03/15/2005
SU3FSS087	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/15/2005
SU3FSS087	Radium-226	1.48	PCI/G	0.70			2.9	03/15/2005
SU3FSS087	Thorium-228	0.66	PCI/G	0.04			2.6	03/15/2005
SU3FSS087	Thorium-230	1.01	PCI/G	0.03			2.8	03/15/2005
SU3FSS087	Thorium-232	0.66	PCI/G	0.03			2.1	03/15/2005
SU3FSS089	Actinium-227	0.27	PCI/G	0.27	U		4.6	04/11/2005
SU3FSS089	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU3FSS089	Cesium-137	0.20	PCI/G	0.06			3.8	04/11/2005
SU3FSS089	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005
SU3FSS089	Lead-210	7.52	PCI/G	0.88			7.4	04/11/2005
SU3FSS089	Plutonium-238	2.56	PCI/G	0.02			55	04/11/2005
SU3FSS089	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	04/11/2005
SU3FSS089	Radium-226	1.80	PCI/G	0.75			2.9	04/11/2005
SU3FSS089	Thorium-228	0.43	PCI/G	0.02			2.6	04/11/2005
SU3FSS089	Thorium-230	0.73	PCI/G	0.02			2.8	04/11/2005
SU3FSS089	Thorium-232	0.44	PCI/G	0.01			2.1	04/11/2005
SU3FSS090	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/16/2005
SU3FSS090	Americium-241	0.06	PCI/G	0.06	U		63	03/16/2005
SU3FSS090	Cesium-137	0.06	PCI/G	0.04			3.8	03/16/2005
SU3FSS090	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU3FSS090	Lead-210	0.93	PCI/G	0.63			7.4	03/16/2005
SU3FSS090	Plutonium-238	0.28	PCI/G	0.05			55	03/16/2005
SU3FSS090	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005
SU3FSS090	Radium-226	0.93	PCI/G	0.70			2.9	03/16/2005
SU3FSS090	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005
SU3FSS090	Thorium-230	0.86	PCI/G	0.03			2.8	03/16/2005
SU3FSS090	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005
SU4FSS024	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/16/2005
SU4FSS024	Americium-241	0.12	PCI/G	0.12	U		63	03/16/2005
SU4FSS024	Cesium-137	0.56	PCI/G	0.09			3.8	03/16/2005
SU4FSS024	Cobalt-60	0.07	PCI/G	0.01			0.7	03/16/2005
SU4FSS024	Lead-210	2.29	PCI/G	1.10			7.4	03/16/2005
SU4FSS024	Plutonium-238	4.08	PCI/G	0.04			55	03/16/2005
SU4FSS024	Plutonium-239/240	0.09	PCI/G	0.03	J		62	03/16/2005
SU4FSS024	Radium-226	1.26	PCI/G	1.26	U		2.9	03/16/2005
SU4FSS024	Thorium-228	0.78	PCI/G	0.03			2.6	03/16/2005
SU4FSS024	Thorium-230	10.31	PCI/G	10.31	U		2.8	03/16/2005
SU4FSS024	Thorium-230	0.95	PCI/G	0.03			2.8	03/16/2005
SU4FSS024	Thorium-232	0.76	PCI/G	0.03			2.1	03/16/2005
SU4FSS025	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/16/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS025	Americium-241	0.10	PCI/G	0.10	U		63	03/16/2005
SU4FSS025	Cesium-137	0.36	PCI/G	0.07			3.8	03/16/2005
SU4FSS025	Cobalt-60	0.12	PCI/G	0.12	U		0.7	03/16/2005
SU4FSS025	Lead-210	1.77	PCI/G	0.97			7.4	03/16/2005
SU4FSS025	Plutonium-238	6.69	PCI/G	0.05			55	03/16/2005
SU4FSS025	Plutonium-239/240	0.10	PCI/G	0.03		J	62	03/16/2005
SU4FSS025	Radium-226	2.23	PCI/G	0.96			2.9	03/16/2005
SU4FSS025	Thorium-228	0.76	PCI/G	0.05			2.6	03/16/2005
SU4FSS025	Thorium-230	1.05	PCI/G	0.03			2.8	03/16/2005
SU4FSS025	Thorium-232	0.54	PCI/G	0.03			2.1	03/16/2005
SU4FSS026	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/16/2005
SU4FSS026	Americium-241	0.13	PCI/G	0.13	U		63	03/16/2005
SU4FSS026	Cesium-137	0.39	PCI/G	0.08			3.8	03/16/2005
SU4FSS026	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/16/2005
SU4FSS026	Lead-210	3.40	PCI/G	1.19			7.4	03/16/2005
SU4FSS026	Plutonium-238	1.03	PCI/G	0.03			55	03/16/2005
SU4FSS026	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/16/2005
SU4FSS026	Radium-226	2.69	PCI/G	1.27			2.9	03/16/2005
SU4FSS026	Thorium-228	0.58	PCI/G	0.03			2.6	03/16/2005
SU4FSS026	Thorium-230	0.99	PCI/G	0.01			2.8	03/16/2005
SU4FSS026	Thorium-232	0.62	PCI/G	0.01			2.1	03/16/2005
SU4FSS027	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/16/2005
SU4FSS027	Americium-241	0.11	PCI/G	0.11	U		63	03/16/2005
SU4FSS027	Cesium-137	0.47	PCI/G	0.08			3.8	03/16/2005
SU4FSS027	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005
SU4FSS027	Lead-210	2.39	PCI/G	1.00			7.4	03/16/2005
SU4FSS027	Plutonium-238	0.93	PCI/G	0.04			55	03/16/2005
SU4FSS027	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/16/2005
SU4FSS027	Radium-226	2.15	PCI/G	1.19			2.9	03/16/2005
SU4FSS027	Thorium-228	0.74	PCI/G	0.04			2.6	03/16/2005
SU4FSS027	Thorium-230	0.87	PCI/G	0.03			2.8	03/16/2005
SU4FSS027	Thorium-232	0.64	PCI/G	0.03			2.1	03/16/2005
SU4FSS028	Actinium-227	0.48	PCI/G	0.48	U		4.6	03/16/2005
SU4FSS028	Americium-241	0.11	PCI/G	0.11	U		63	03/16/2005
SU4FSS028	Cesium-137	0.58	PCI/G	0.09			3.8	03/16/2005
SU4FSS028	Cobalt-60	0.12	PCI/G	0.12	U		0.7	03/16/2005
SU4FSS028	Lead-210	3.02	PCI/G	1.13			7.4	03/16/2005
SU4FSS028	Plutonium-238	0.97	PCI/G	0.05			55	03/16/2005
SU4FSS028	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/16/2005
SU4FSS028	Radium-226	3.00	PCI/G	1.10			2.9	03/16/2005
SU4FSS028	Thorium-228	0.76	PCI/G	0.03			2.6	03/16/2005
SU4FSS028	Thorium-230	1.21	PCI/G	0.02			2.8	03/16/2005
SU4FSS028	Thorium-232	0.79	PCI/G	0.02			2.1	03/16/2005
SU4FSS029	Actinium-227	0.42	PCI/G	0.42	U		4.6	03/16/2005
SU4FSS029	Americium-241	0.12	PCI/G	0.12	U		63	03/16/2005
SU4FSS029	Cesium-137	0.78	PCI/G	0.09			3.8	03/16/2005
SU4FSS029	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005
SU4FSS029	Lead-210	5.88	PCI/G	1.16			7.4	03/16/2005
SU4FSS029	Plutonium-238	3.98	PCI/G	0.07			55	03/16/2005
SU4FSS029	Plutonium-239/240	0.10	PCI/G	0.04	J	J	62	03/16/2005
SU4FSS029	Radium-226	2.30	PCI/G	1.19			2.9	03/16/2005
SU4FSS029	Thorium-228	0.68	PCI/G	0.02			2.6	03/16/2005
SU4FSS029	Thorium-230	1.14	PCI/G	0.03			2.8	03/16/2005
SU4FSS029	Thorium-232	0.77	PCI/G	0.02			2.1	03/16/2005
SU4FSS030	Actinium-227	0.35	PCI/G	0.35	U		4.6	03/16/2005
SU4FSS030	Americium-241	0.09	PCI/G	0.09	U		63	03/16/2005
SU4FSS030	Cesium-137	0.46	PCI/G	0.07			3.8	03/16/2005
SU4FSS030	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005
SU4FSS030	Lead-210	2.72	PCI/G	0.88			7.4	03/16/2005
SU4FSS030	Plutonium-238	0.57	PCI/G	0.14			55	03/16/2005
SU4FSS030	Plutonium-239/240	0.02	PCI/G	0.10	U	UJ	62	03/16/2005
SU4FSS030	Radium-226	2.56	PCI/G	1.02			2.9	03/16/2005
SU4FSS030	Thorium-228	0.78	PCI/G	0.03		J	2.6	03/16/2005
SU4FSS030	Thorium-230	1.24	PCI/G	0.03			2.8	03/16/2005
SU4FSS030	Thorium-232	0.75	PCI/G	0.03		J	2.1	03/16/2005
SU4FSS036	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/16/2005
SU4FSS036	Americium-241	0.05	PCI/G	0.05			63	03/16/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS036	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/16/2005
SU4FSS036	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/16/2005
SU4FSS036	Lead-210	0.61	PCI/G	0.47			7.4	03/16/2005
SU4FSS036	Plutonium-238	14.80	PCI/G	0.05			55	03/16/2005
SU4FSS036	Plutonium-239/240	0.19	PCI/G	0.04			62	03/16/2005
SU4FSS036	Radium-226	0.85	PCI/G	0.53			2.9	03/16/2005
SU4FSS036	Thorium-228	0.61	PCI/G	0.06		J	2.6	03/16/2005
SU4FSS036	Thorium-230	1.02	PCI/G	0.04			2.8	03/16/2005
SU4FSS036	Thorium-232	0.43	PCI/G	0.03		J	2.1	03/16/2005
SU4FSS037	Actinium-227	0.43	PCI/G	0.43	U		4.6	03/17/2005
SU4FSS037	Americium-241	0.10	PCI/G	0.10	U		63	03/17/2005
SU4FSS037	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/17/2005
SU4FSS037	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS037	Lead-210	1.31	PCI/G	0.84			7.4	03/17/2005
SU4FSS037	Plutonium-238	2.70	PCI/G	0.09			55	03/17/2005
SU4FSS037	Plutonium-239/240	0.07	PCI/G	0.07	U	U	62	03/17/2005
SU4FSS037	Radium-226	2.06	PCI/G	0.93			2.9	03/17/2005
SU4FSS037	Thorium-228	0.95	PCI/G	0.04		J	2.6	03/17/2005
SU4FSS037	Thorium-230	1.25	PCI/G	0.05			2.8	03/17/2005
SU4FSS037	Thorium-232	0.97	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS038	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/16/2005
SU4FSS038	Americium-241	0.05	PCI/G	0.05			63	03/16/2005
SU4FSS038	Cesium-137	0.04	PCI/G	0.03			3.8	03/16/2005
SU4FSS038	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU4FSS038	Lead-210	0.94	PCI/G	0.52			7.4	03/16/2005
SU4FSS038	Plutonium-238	13.90	PCI/G	0.07			55	03/16/2005
SU4FSS038	Plutonium-239/240	0.06	PCI/G	0.05	J	J	62	03/16/2005
SU4FSS038	Radium-226	1.05	PCI/G	0.58			2.9	03/16/2005
SU4FSS038	Thorium-228	0.85	PCI/G	0.06		J	2.6	03/16/2005
SU4FSS038	Thorium-230	0.64	PCI/G	0.04			2.8	03/16/2005
SU4FSS038	Thorium-232	0.49	PCI/G	0.04		J	2.1	03/16/2005
SU4FSS039	Actinium-227	0.16	PCI/G	0.16	U		4.6	03/17/2005
SU4FSS039	Americium-241	0.05	PCI/G	0.05	U		63	03/17/2005
SU4FSS039	Cesium-137	0.03	PCI/G	0.02			3.8	03/17/2005
SU4FSS039	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS039	Lead-210	0.58	PCI/G	0.42			7.4	03/17/2005
SU4FSS039	Plutonium-238	12.90	PCI/G	0.07			55	03/17/2005
SU4FSS039	Plutonium-239/240	0.12	PCI/G	0.04			62	03/17/2005
SU4FSS039	Radium-226	1.19	PCI/G	0.48			2.9	03/17/2005
SU4FSS039	Thorium-228	0.41	PCI/G	0.06		J	2.6	03/17/2005
SU4FSS039	Thorium-230	0.63	PCI/G	0.03			2.8	03/17/2005
SU4FSS039	Thorium-232	0.26	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS040	Actinium-227	0.36	PCI/G	0.36	U		4.6	03/16/2005
SU4FSS040	Americium-241	0.11	PCI/G	0.11	U		63	03/16/2005
SU4FSS040	Cesium-137	0.38	PCI/G	0.08			3.8	03/16/2005
SU4FSS040	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005
SU4FSS040	Lead-210	2.59	PCI/G	0.97			7.4	03/16/2005
SU4FSS040	Plutonium-238	1.22	PCI/G	0.04			55	03/16/2005
SU4FSS040	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/16/2005
SU4FSS040	Radium-226	2.31	PCI/G	1.13			2.9	03/16/2005
SU4FSS040	Thorium-228	0.74	PCI/G	0.05		J	2.6	03/16/2005
SU4FSS040	Thorium-230	0.98	PCI/G	0.03			2.8	03/16/2005
SU4FSS040	Thorium-232	0.63	PCI/G	0.02		J	2.1	03/16/2005
SU4FSS041	Actinium-227	0.52	PCI/G	0.52	U		4.6	03/17/2005
SU4FSS041	Americium-241	0.19	PCI/G	0.13			63	03/17/2005
SU4FSS041	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005
SU4FSS041	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS041	Lead-210	1.35	PCI/G	1.08			7.4	03/17/2005
SU4FSS041	Plutonium-238	82.30	PCI/G	0.05			55	03/17/2005
SU4FSS041	Plutonium-239/240	0.32	PCI/G	0.03			62	03/17/2005
SU4FSS041	Radium-226	2.06	PCI/G	1.14			2.9	03/17/2005
SU4FSS041	Thorium-228	1.09	PCI/G	0.05		J	2.6	03/17/2005
SU4FSS041	Thorium-230	1.41	PCI/G	0.04			2.8	03/17/2005
SU4FSS041	Thorium-232	0.79	PCI/G	0.02		J	2.1	03/17/2005
SU4FSS042	Actinium-227	0.29	PCI/G	0.29	U		4.6	04/11/2005
SU4FSS042	Americium-241	0.08	PCI/G	0.08	U		63	04/11/2005
SU4FSS042	Cesium-137	0.06	PCI/G	0.06	U		3.8	04/11/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS042	Cobalt-60	0.06	PCI/G	0.06	U		0.7	04/11/2005
SU4FSS042	Lead-210	1.38	PCI/G	0.70			7.4	04/11/2005
SU4FSS042	Plutonium-238	1.49	PCI/G	0.02			55	04/11/2005
SU4FSS042	Plutonium-239/240	0.00	PCI/G	0.02	U	UJ	62	04/11/2005
SU4FSS042	Radium-226	1.90	PCI/G	0.82			2.9	04/11/2005
SU4FSS042	Thorium-228	0.95	PCI/G	0.05			2.6	04/11/2005
SU4FSS042	Thorium-230	1.33	PCI/G	0.03			2.8	04/11/2005
SU4FSS042	Thorium-232	0.86	PCI/G	0.03			2.1	04/11/2005
SU4FSS043	Actinium-227	0.40	PCI/G	0.40	U		4.6	03/17/2005
SU4FSS043	Americium-241	0.09	PCI/G	0.09	U		63	03/17/2005
SU4FSS043	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/17/2005
SU4FSS043	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/17/2005
SU4FSS043	Lead-210	1.22	PCI/G	0.80			7.4	03/17/2005
SU4FSS043	Plutonium-238	2.23	PCI/G	0.04			55	03/17/2005
SU4FSS043	Plutonium-239/240	0.01	PCI/G	0.01	U	UJ	62	03/17/2005
SU4FSS043	Radium-226	2.86	PCI/G	0.85			2.9	03/17/2005
SU4FSS043	Thorium-228	0.46	PCI/G	0.08		J	2.6	03/17/2005
SU4FSS043	Thorium-230	0.84	PCI/G	0.03			2.8	03/17/2005
SU4FSS043	Thorium-232	0.39	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS044	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/16/2005
SU4FSS044	Americium-241	0.41	PCI/G	0.08			63	03/16/2005
SU4FSS044	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005
SU4FSS044	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/16/2005
SU4FSS044	Lead-210	1.50	PCI/G	0.56			7.4	03/16/2005
SU4FSS044	Plutonium-238	30.60	PCI/G	0.04			55	03/16/2005
SU4FSS044	Plutonium-239/240	0.13	PCI/G	0.02			62	03/16/2005
SU4FSS044	Radium-226	1.21	PCI/G	0.63			2.9	03/16/2005
SU4FSS044	Thorium-228	0.43	PCI/G	0.22		J	2.6	03/16/2005
SU4FSS044	Thorium-230	0.54	PCI/G	0.10			2.8	03/16/2005
SU4FSS044	Thorium-232	0.49	PCI/G	0.11			2.1	03/16/2005
SU4FSS045	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/17/2005
SU4FSS045	Americium-241	0.05	PCI/G	0.05	U		63	03/17/2005
SU4FSS045	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005
SU4FSS045	Cobalt-60	0.03	PCI/G	0.03	U		0.7	03/17/2005
SU4FSS045	Lead-210	0.78	PCI/G	0.49			7.4	03/17/2005
SU4FSS045	Plutonium-238	14.50	PCI/G	0.04			55	03/17/2005
SU4FSS045	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	03/17/2005
SU4FSS045	Radium-226	0.63	PCI/G	0.63	U		2.9	03/17/2005
SU4FSS045	Thorium-228	0.58	PCI/G	0.07		J	2.6	03/17/2005
SU4FSS045	Thorium-230	0.85	PCI/G	0.05			2.8	03/17/2005
SU4FSS045	Thorium-232	0.23	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS046	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/17/2005
SU4FSS046	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005
SU4FSS046	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/17/2005
SU4FSS046	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU4FSS046	Lead-210	1.21	PCI/G	0.59			7.4	03/17/2005
SU4FSS046	Plutonium-238	0.04	PCI/G	0.04	U	U	55	03/17/2005
SU4FSS046	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005
SU4FSS046	Radium-226	1.44	PCI/G	0.73			2.9	03/17/2005
SU4FSS046	Thorium-228	0.60	PCI/G	0.07			2.6	03/17/2005
SU4FSS046	Thorium-230	1.19	PCI/G	0.03			2.8	03/17/2005
SU4FSS046	Thorium-232	0.56	PCI/G	0.02			2.1	03/17/2005
SU4FSS047	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/17/2005
SU4FSS047	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS047	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005
SU4FSS047	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU4FSS047	Lead-210	0.61	PCI/G	0.60			7.4	03/17/2005
SU4FSS047	Plutonium-238	0.14	PCI/G	0.07		J	55	03/17/2005
SU4FSS047	Plutonium-239/240	0.01	PCI/G	0.04	U	UJ	62	03/17/2005
SU4FSS047	Radium-226	1.73	PCI/G	0.63			2.9	03/17/2005
SU4FSS047	Thorium-228	0.51	PCI/G	0.07		J	2.6	03/17/2005
SU4FSS047	Thorium-230	1.21	PCI/G	0.03			2.8	03/17/2005
SU4FSS047	Thorium-232	0.34	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS048	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/16/2005
SU4FSS048	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU4FSS048	Cesium-137	0.40	PCI/G	0.06			3.8	03/16/2005
SU4FSS048	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS048	Lead-210	1.49	PCI/G	0.83			7.4	03/16/2005
SU4FSS048	Plutonium-238	1.02	PCI/G	0.04			55	03/16/2005
SU4FSS048	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/16/2005
SU4FSS048	Radium-226	2.10	PCI/G	0.85			2.9	03/16/2005
SU4FSS048	Thorium-228	1.14	PCI/G	0.06		J	2.6	03/16/2005
SU4FSS048	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005
SU4FSS048	Thorium-232	1.38	PCI/G	0.04		J	2.1	03/16/2005
SU4FSS049	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/16/2005
SU4FSS049	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU4FSS049	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/16/2005
SU4FSS049	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/16/2005
SU4FSS049	Lead-210	1.33	PCI/G	0.72			7.4	03/16/2005
SU4FSS049	Plutonium-238	3.42	PCI/G	0.04			55	03/16/2005
SU4FSS049	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005
SU4FSS049	Radium-226	0.98	PCI/G	0.75			2.9	03/16/2005
SU4FSS049	Thorium-228	0.43	PCI/G	0.20		J	2.6	03/16/2005
SU4FSS049	Thorium-230	0.85	PCI/G	0.09			2.8	03/16/2005
SU4FSS049	Thorium-232	0.59	PCI/G	0.11		J	2.1	03/16/2005
SU4FSS050	Actinium-227	0.33	PCI/G	0.33	U		4.6	03/16/2005
SU4FSS050	Americium-241	0.26	PCI/G	0.08			63	03/16/2005
SU4FSS050	Cesium-137	0.22	PCI/G	0.06			3.8	03/16/2005
SU4FSS050	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU4FSS050	Lead-210	1.17	PCI/G	0.74			7.4	03/16/2005
SU4FSS050	Plutonium-238	67.60	PCI/G	0.03			55	03/16/2005
SU4FSS050	Plutonium-239/240	0.36	PCI/G	0.02			62	03/16/2005
SU4FSS050	Radium-226	1.62	PCI/G	0.74			2.9	03/16/2005
SU4FSS050	Thorium-228	1.08	PCI/G	0.16		J	2.6	03/16/2005
SU4FSS050	Thorium-230	0.73	PCI/G	0.08			2.8	03/16/2005
SU4FSS050	Thorium-232	0.72	PCI/G	0.04		J	2.1	03/16/2005
SU4FSS051	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/16/2005
SU4FSS051	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU4FSS051	Cesium-137	0.22	PCI/G	0.04			3.8	03/16/2005
SU4FSS051	Cobalt-60	0.04	PCI/G	0.04			0.7	03/16/2005
SU4FSS051	Lead-210	1.31	PCI/G	0.61			7.4	03/16/2005
SU4FSS051	Plutonium-238	1.55	PCI/G	0.04			55	03/16/2005
SU4FSS051	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	03/16/2005
SU4FSS051	Radium-226	1.22	PCI/G	0.73			2.9	03/16/2005
SU4FSS051	Thorium-228	0.60	PCI/G	0.10		J	2.6	03/16/2005
SU4FSS051	Thorium-230	0.99	PCI/G	0.04			2.8	03/16/2005
SU4FSS051	Thorium-232	0.57	PCI/G	0.05		J	2.1	03/16/2005
SU4FSS052	Actinium-227	0.35	PCI/G	0.35	U		4.6	04/11/2005
SU4FSS052	Americium-241	0.09	PCI/G	0.09	U		63	04/11/2005
SU4FSS052	Cesium-137	0.07	PCI/G	0.07	U		3.8	04/11/2005
SU4FSS052	Cobalt-60	0.12	PCI/G	0.12	U		0.7	04/11/2005
SU4FSS052	Lead-210	1.11	PCI/G	0.88			7.4	04/11/2005
SU4FSS052	Plutonium-238	9.37	PCI/G	0.03			55	04/11/2005
SU4FSS052	Plutonium-239/240	0.03	PCI/G	0.01	J	J	62	04/11/2005
SU4FSS052	Radium-226	1.36	PCI/G	1.08			2.9	04/11/2005
SU4FSS052	Thorium-228	0.97	PCI/G	0.05			2.6	04/11/2005
SU4FSS052	Thorium-230	0.94	PCI/G	0.03			2.8	04/11/2005
SU4FSS052	Thorium-232	1.03	PCI/G	0.03			2.1	04/11/2005
SU4FSS053	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/16/2005
SU4FSS053	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU4FSS053	Cesium-137	0.10	PCI/G	0.06			3.8	03/16/2005
SU4FSS053	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/16/2005
SU4FSS053	Lead-210	0.79	PCI/G	0.76			7.4	03/16/2005
SU4FSS053	Plutonium-238	2.96	PCI/G	0.05			55	03/16/2005
SU4FSS053	Plutonium-239/240	0.01	PCI/G	0.04	U	UJ	62	03/16/2005
SU4FSS053	Radium-226	1.22	PCI/G	0.70			2.9	03/16/2005
SU4FSS053	Thorium-228	1.01	PCI/G	0.12		J	2.6	03/16/2005
SU4FSS053	Thorium-230	0.81	PCI/G	0.10			2.8	03/16/2005
SU4FSS053	Thorium-232	0.91	PCI/G	0.09		J	2.1	03/16/2005
SU4FSS054	Actinium-227	0.36	PCI/G	0.36	U		4.6	03/17/2005
SU4FSS054	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS054	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/17/2005
SU4FSS054	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/17/2005
SU4FSS054	Lead-210	1.13	PCI/G	0.71			7.4	03/17/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS054	Plutonium-238	3.33	PCI/G	0.04			55	03/17/2005
SU4FSS054	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/17/2005
SU4FSS054	Radium-226	1.69	PCI/G	0.73			2.9	03/17/2005
SU4FSS054	Thorium-228	0.46	PCI/G	0.05		J	2.6	03/17/2005
SU4FSS054	Thorium-230	0.74	PCI/G	0.04			2.8	03/17/2005
SU4FSS054	Thorium-232	0.45	PCI/G	0.03		J	2.1	03/17/2005
SU4FSS055	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/17/2005
SU4FSS055	Americium-241	0.11	PCI/G	0.07			63	03/17/2005
SU4FSS055	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005
SU4FSS055	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS055	Lead-210	0.69	PCI/G	0.56			7.4	03/17/2005
SU4FSS055	Plutonium-238	35.80	PCI/G	0.05			55	03/17/2005
SU4FSS055	Plutonium-239/240	0.13	PCI/G	0.03			62	03/17/2005
SU4FSS055	Radium-226	0.81	PCI/G	0.63			2.9	03/17/2005
SU4FSS055	Thorium-228	1.06	PCI/G	0.05		J	2.6	03/17/2005
SU4FSS055	Thorium-230	0.83	PCI/G	0.03			2.8	03/17/2005
SU4FSS055	Thorium-232	0.52	PCI/G	0.02		J	2.1	03/17/2005
SU4FSS056	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/16/2005
SU4FSS056	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU4FSS056	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005
SU4FSS056	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/16/2005
SU4FSS056	Lead-210	0.90	PCI/G	0.55			7.4	03/16/2005
SU4FSS056	Plutonium-238	3.23	PCI/G	0.05			55	03/16/2005
SU4FSS056	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/16/2005
SU4FSS056	Radium-226	2.05	PCI/G	0.59			2.9	03/16/2005
SU4FSS056	Thorium-228	0.61	PCI/G	0.07		J	2.6	03/16/2005
SU4FSS056	Thorium-230	0.87	PCI/G	0.04			2.8	03/16/2005
SU4FSS056	Thorium-232	0.46	PCI/G	0.03		J	2.1	03/16/2005
SU4FSS057	Actinium-227	0.21	PCI/G	0.21	U		4.6	03/17/2005
SU4FSS057	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS057	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005
SU4FSS057	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS057	Lead-210	0.66	PCI/G	0.66	U		7.4	03/17/2005
SU4FSS057	Plutonium-238	0.26	PCI/G	0.03			55	03/17/2005
SU4FSS057	Plutonium-239/240	0.05	PCI/G	0.05	U	U	62	03/17/2005
SU4FSS057	Radium-226	0.93	PCI/G	0.62			2.9	03/17/2005
SU4FSS057	Thorium-228	0.64	PCI/G	0.03			2.6	03/17/2005
SU4FSS057	Thorium-230	0.74	PCI/G	0.03			2.8	03/17/2005
SU4FSS057	Thorium-232	0.75	PCI/G	0.03			2.1	03/17/2005
SU4FSS058	Actinium-227	0.36	PCI/G	0.36	U		4.6	03/16/2005
SU4FSS058	Americium-241	0.08	PCI/G	0.08	U		63	03/16/2005
SU4FSS058	Cesium-137	0.08	PCI/G	0.06			3.8	03/16/2005
SU4FSS058	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/16/2005
SU4FSS058	Lead-210	1.38	PCI/G	0.70			7.4	03/16/2005
SU4FSS058	Plutonium-238	0.23	PCI/G	0.04			55	03/16/2005
SU4FSS058	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/16/2005
SU4FSS058	Radium-226	1.79	PCI/G	0.89			2.9	03/16/2005
SU4FSS058	Thorium-228	1.03	PCI/G	0.03			2.6	03/16/2005
SU4FSS058	Thorium-230	0.97	PCI/G	0.04			2.8	03/16/2005
SU4FSS058	Thorium-232	0.92	PCI/G	0.03			2.1	03/16/2005
SU4FSS059	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/16/2005
SU4FSS059	Americium-241	0.07	PCI/G	0.07	U		63	03/16/2005
SU4FSS059	Cesium-137	0.29	PCI/G	0.04			3.8	03/16/2005
SU4FSS059	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/16/2005
SU4FSS059	Lead-210	0.71	PCI/G	0.71	U		7.4	03/16/2005
SU4FSS059	Plutonium-238	0.93	PCI/G	0.09			55	03/16/2005
SU4FSS059	Plutonium-239/240	0.03	PCI/G	0.07	U	UJ	62	03/16/2005
SU4FSS059	Radium-226	1.19	PCI/G	0.72			2.9	03/16/2005
SU4FSS059	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005
SU4FSS059	Thorium-230	0.83	PCI/G	0.02			2.8	03/16/2005
SU4FSS059	Thorium-232	0.56	PCI/G	0.03			2.1	03/16/2005
SU4FSS060	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/17/2005
SU4FSS060	Americium-241	0.12	PCI/G	0.07			63	03/17/2005
SU4FSS060	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005
SU4FSS060	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS060	Lead-210	0.69	PCI/G	0.69	U		7.4	03/17/2005
SU4FSS060	Plutonium-238	32.10	PCI/G	0.07			55	03/17/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS060	Plutonium-239/240	0.42	PCI/G	0.04			62	03/17/2005
SU4FSS060	Radium-226	1.49	PCI/G	0.70			2.9	03/17/2005
SU4FSS060	Thorium-228	0.98	PCI/G	0.05			2.6	03/17/2005
SU4FSS060	Thorium-230	0.64	PCI/G	0.02			2.8	03/17/2005
SU4FSS060	Thorium-232	0.61	PCI/G	0.04			2.1	03/17/2005
SU4FSS061	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/17/2005
SU4FSS061	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS061	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005
SU4FSS061	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS061	Lead-210	1.96	PCI/G	0.71			7.4	03/17/2005
SU4FSS061	Plutonium-238	11.40	PCI/G	0.06			55	03/17/2005
SU4FSS061	Plutonium-239/240	0.13	PCI/G	0.04			62	03/17/2005
SU4FSS061	Radium-226	1.02	PCI/G	0.76			2.9	03/17/2005
SU4FSS061	Thorium-228	0.85	PCI/G	0.05			2.6	03/17/2005
SU4FSS061	Thorium-230	1.13	PCI/G	0.03			2.8	03/17/2005
SU4FSS061	Thorium-232	0.70	PCI/G	0.03			2.1	03/17/2005
SU4FSS062	Actinium-227	0.42	PCI/G	0.42	U		4.6	03/17/2005
SU4FSS062	Americium-241	0.11	PCI/G	0.11	U		63	03/17/2005
SU4FSS062	Cesium-137	0.08	PCI/G	0.08	U		3.8	03/17/2005
SU4FSS062	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/17/2005
SU4FSS062	Lead-210	1.76	PCI/G	1.07			7.4	03/17/2005
SU4FSS062	Plutonium-238	20.80	PCI/G	0.04			55	03/17/2005
SU4FSS062	Plutonium-239/240	0.29	PCI/G	0.02			62	03/17/2005
SU4FSS062	Radium-226	1.56	PCI/G	1.10			2.9	03/17/2005
SU4FSS062	Thorium-228	1.42	PCI/G	0.05			2.6	03/17/2005
SU4FSS062	Thorium-230	1.22	PCI/G	0.03			2.8	03/17/2005
SU4FSS062	Thorium-232	0.94	PCI/G	0.03			2.1	03/17/2005
SU4FSS063	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/17/2005
SU4FSS063	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS063	Cesium-137	0.34	PCI/G	0.05			3.8	03/17/2005
SU4FSS063	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS063	Lead-210	1.71	PCI/G	0.86			7.4	03/17/2005
SU4FSS063	Plutonium-238	0.79	PCI/G	0.04			55	03/17/2005
SU4FSS063	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	03/17/2005
SU4FSS063	Radium-226	1.25	PCI/G	0.79			2.9	03/17/2005
SU4FSS063	Thorium-228	1.09	PCI/G	0.04			2.6	03/17/2005
SU4FSS063	Thorium-230	1.05	PCI/G	0.02			2.8	03/17/2005
SU4FSS063	Thorium-232	1.14	PCI/G	0.02			2.1	03/17/2005
SU4FSS064	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/17/2005
SU4FSS064	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS064	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005
SU4FSS064	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS064	Lead-210	1.36	PCI/G	0.73			7.4	03/17/2005
SU4FSS064	Plutonium-238	0.14	PCI/G	0.04			55	03/17/2005
SU4FSS064	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	03/17/2005
SU4FSS064	Radium-226	2.36	PCI/G	0.84			2.9	03/17/2005
SU4FSS064	Radium-226	2.18	PCI/G	1.02			2.9	03/17/2005
SU4FSS064	Thorium-228	0.59	PCI/G	0.03			2.6	03/17/2005
SU4FSS064	Thorium-230	1.01	PCI/G	0.02			2.8	03/17/2005
SU4FSS064	Thorium-232	0.54	PCI/G	0.01			2.1	03/17/2005
SU4FSS065	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/17/2005
SU4FSS065	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS065	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005
SU4FSS065	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU4FSS065	Lead-210	2.28	PCI/G	0.77			7.4	03/17/2005
SU4FSS065	Plutonium-238	24.30	PCI/G	0.04			55	03/17/2005
SU4FSS065	Plutonium-239/240	0.49	PCI/G	0.03			62	03/17/2005
SU4FSS065	Radium-226	1.31	PCI/G	0.82			2.9	03/17/2005
SU4FSS065	Thorium-228	1.42	PCI/G	0.05			2.6	03/17/2005
SU4FSS065	Thorium-230	1.06	PCI/G	0.02			2.8	03/17/2005
SU4FSS065	Thorium-232	0.85	PCI/G	0.03			2.1	03/17/2005
SU4FSS066	Actinium-227	0.78	PCI/G	0.78	U		4.6	03/17/2005
SU4FSS066	Americium-241	0.24	PCI/G	0.19			63	03/17/2005
SU4FSS066	Cesium-137	0.13	PCI/G	0.13	U		3.8	03/17/2005
SU4FSS066	Cobalt-60	0.12	PCI/G	0.12	U		0.7	03/17/2005
SU4FSS066	Lead-210	5.61	PCI/G	1.79			7.4	03/17/2005
SU4FSS066	Plutonium-238	44.90	PCI/G	0.04			55	03/17/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS066	Plutonium-239/240	0.84	PCI/G	0.03			62	03/17/2005
SU4FSS066	Radium-226	3.90	PCI/G	1.63			2.9	03/17/2005
SU4FSS066	Thorium-228	2.43	PCI/G	0.04			2.6	03/17/2005
SU4FSS066	Thorium-230	1.26	PCI/G	0.03			2.8	03/17/2005
SU4FSS066	Thorium-232	1.43	PCI/G	0.03			2.1	03/17/2005
SU4FSS067	Actinium-227	0.77	PCI/G	0.77	U		4.6	03/17/2005
SU4FSS067	Americium-241	0.26	PCI/G	0.18			63	03/17/2005
SU4FSS067	Cesium-137	0.15	PCI/G	0.12			3.8	03/17/2005
SU4FSS067	Cobalt-60	0.15	PCI/G	0.15	U		0.7	03/17/2005
SU4FSS067	Lead-210	5.33	PCI/G	1.62			7.4	03/17/2005
SU4FSS067	Plutonium-238	37.20	PCI/G	0.04			55	03/17/2005
SU4FSS067	Plutonium-239/240	0.41	PCI/G	0.03			62	03/17/2005
SU4FSS067	Radium-226	3.91	PCI/G	1.78			2.9	03/17/2005
SU4FSS067	Thorium-228	1.95	PCI/G	0.04			2.6	03/17/2005
SU4FSS067	Thorium-230	1.35	PCI/G	0.02			2.8	03/17/2005
SU4FSS067	Thorium-232	1.19	PCI/G	0.03			2.1	03/17/2005
SU4FSS068	Actinium-227	0.25	PCI/G	0.25	U		4.6	04/11/2005
SU4FSS068	Americium-241	0.08	PCI/G	0.08	U		63	04/11/2005
SU4FSS068	Cesium-137	0.45	PCI/G	0.06			3.8	04/11/2005
SU4FSS068	Cobalt-60	0.12	PCI/G	0.12	U		0.7	04/11/2005
SU4FSS068	Lead-210	3.05	PCI/G	0.73			7.4	04/11/2005
SU4FSS068	Plutonium-238	17.30	PCI/G	0.02			55	04/11/2005
SU4FSS068	Plutonium-239/240	0.06	PCI/G	0.01	J		62	04/11/2005
SU4FSS068	Radium-226	1.06	PCI/G	0.84			2.9	04/11/2005
SU4FSS068	Thorium-228	0.82	PCI/G	0.04			2.6	04/11/2005
SU4FSS068	Thorium-230	0.85	PCI/G	0.01			2.8	04/11/2005
SU4FSS068	Thorium-232	0.81	PCI/G	0.02			2.1	04/11/2005
SU4FSS069	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/17/2005
SU4FSS069	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS069	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005
SU4FSS069	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS069	Lead-210	2.90	PCI/G	0.61			7.4	03/17/2005
SU4FSS069	Plutonium-238	1.07	PCI/G	0.03			55	03/17/2005
SU4FSS069	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/17/2005
SU4FSS069	Radium-226	0.92	PCI/G	0.72			2.9	03/17/2005
SU4FSS069	Thorium-228	0.47	PCI/G	0.03			2.6	03/17/2005
SU4FSS069	Thorium-230	0.84	PCI/G	0.03			2.8	03/17/2005
SU4FSS069	Thorium-232	0.52	PCI/G	0.01			2.1	03/17/2005
SU4FSS070	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/17/2005
SU4FSS070	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/17/2005
SU4FSS070	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS070	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005
SU4FSS070	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS070	Lead-210	0.78	PCI/G	0.61			7.4	03/17/2005
SU4FSS070	Plutonium-238	0.28	PCI/G	0.04			55	03/17/2005
SU4FSS070	Plutonium-239/240	0.03	PCI/G	0.03	U	U	62	03/17/2005
SU4FSS070	Radium-226	1.45	PCI/G	0.66			2.9	03/17/2005
SU4FSS070	Thorium-228	0.62	PCI/G	0.03			2.6	03/17/2005
SU4FSS070	Thorium-230	0.96	PCI/G	0.02			2.8	03/17/2005
SU4FSS070	Thorium-232	0.62	PCI/G	0.02			2.1	03/17/2005
SU4FSS071	Actinium-227	0.38	PCI/G	0.38	U		4.6	03/17/2005
SU4FSS071	Americium-241	0.09	PCI/G	0.09	U		63	03/17/2005
SU4FSS071	Cesium-137	0.48	PCI/G	0.07			3.8	03/17/2005
SU4FSS071	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/17/2005
SU4FSS071	Lead-210	2.03	PCI/G	0.84			7.4	03/17/2005
SU4FSS071	Plutonium-238	1.02	PCI/G	0.03			55	03/17/2005
SU4FSS071	Plutonium-239/240	0.10	PCI/G	0.03	J		62	03/17/2005
SU4FSS071	Radium-226	1.20	PCI/G	0.88			2.9	03/17/2005
SU4FSS071	Thorium-228	0.99	PCI/G	0.04			2.6	03/17/2005
SU4FSS071	Thorium-230	1.04	PCI/G	0.02			2.8	03/17/2005
SU4FSS071	Thorium-232	1.04	PCI/G	0.02			2.1	03/17/2005
SU4FSS072	Actinium-227	0.30	PCI/G	0.30	U		4.6	03/17/2005
SU4FSS072	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS072	Cesium-137	0.24	PCI/G	0.06			3.8	03/17/2005
SU4FSS072	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS072	Lead-210	4.08	PCI/G	0.85			7.4	03/17/2005
SU4FSS072	Plutonium-238	8.90	PCI/G	0.04			55	03/17/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS072	Plutonium-239/240	0.10	PCI/G	0.03			62	03/17/2005
SU4FSS072	Radium-226	1.33	PCI/G	0.77			2.9	03/17/2005
SU4FSS072	Thorium-228	0.76	PCI/G	0.03			2.6	03/17/2005
SU4FSS072	Thorium-230	0.86	PCI/G	0.02			2.8	03/17/2005
SU4FSS072	Thorium-232	0.78	PCI/G	0.01			2.1	03/17/2005
SU4FSS073	Actinium-227	0.36	PCI/G	0.36	U		4.6	03/17/2005
SU4FSS073	Americium-241	0.11	PCI/G	0.09			63	03/17/2005
SU4FSS073	Cesium-137	0.06	PCI/G	0.06	U		3.8	03/17/2005
SU4FSS073	Cobalt-60	0.08	PCI/G	0.08	U		0.7	03/17/2005
SU4FSS073	Lead-210	1.41	PCI/G	0.72			7.4	03/17/2005
SU4FSS073	Plutonium-238	24.80	PCI/G	0.04			55	03/17/2005
SU4FSS073	Plutonium-239/240	0.31	PCI/G	0.02			62	03/17/2005
SU4FSS073	Radium-226	1.52	PCI/G	0.82			2.9	03/17/2005
SU4FSS073	Thorium-228	1.27	PCI/G	0.03			2.6	03/17/2005
SU4FSS073	Thorium-230	0.99	PCI/G	0.03			2.8	03/17/2005
SU4FSS073	Thorium-232	0.63	PCI/G	0.03			2.1	03/17/2005
SU4FSS074	Actinium-227	0.41	PCI/G	0.41	U		4.6	03/17/2005
SU4FSS074	Americium-241	0.10	PCI/G	0.09			63	03/17/2005
SU4FSS074	Cesium-137	0.08	PCI/G	0.07			3.8	03/17/2005
SU4FSS074	Cobalt-60	0.14	PCI/G	0.14	U		0.7	03/17/2005
SU4FSS074	Lead-210	2.87	PCI/G	0.92			7.4	03/17/2005
SU4FSS074	Plutonium-238	25.60	PCI/G	0.03			55	03/17/2005
SU4FSS074	Plutonium-239/240	0.39	PCI/G	0.04		J	62	03/17/2005
SU4FSS074	Radium-226	2.27	PCI/G	1.16			2.9	03/17/2005
SU4FSS074	Thorium-228	1.18	PCI/G	0.09			2.6	03/17/2005
SU4FSS074	Thorium-230	0.98	PCI/G	0.07		J	2.8	03/17/2005
SU4FSS074	Thorium-232	0.79	PCI/G	0.07		J	2.1	03/17/2005
SU4FSS075	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/17/2005
SU4FSS075	Americium-241	0.12	PCI/G	0.08			63	03/17/2005
SU4FSS075	Cesium-137	0.12	PCI/G	0.05			3.8	03/17/2005
SU4FSS075	Cobalt-60	0.09	PCI/G	0.09	U		0.7	03/17/2005
SU4FSS075	Lead-210	4.29	PCI/G	0.77			7.4	03/17/2005
SU4FSS075	Plutonium-238	39.60	PCI/G	0.04			55	03/17/2005
SU4FSS075	Plutonium-239/240	0.55	PCI/G	0.01		J	62	03/17/2005
SU4FSS075	Radium-226	1.11	PCI/G	0.77			2.9	03/17/2005
SU4FSS075	Thorium-228	1.13	PCI/G	0.09			2.6	03/17/2005
SU4FSS075	Thorium-230	0.92	PCI/G	0.07		J	2.8	03/17/2005
SU4FSS075	Thorium-232	0.63	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS076	Actinium-227	0.32	PCI/G	0.32	U		4.6	03/17/2005
SU4FSS076	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS076	Cesium-137	0.17	PCI/G	0.07			3.8	03/17/2005
SU4FSS076	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/17/2005
SU4FSS076	Lead-210	4.32	PCI/G	0.87			7.4	03/17/2005
SU4FSS076	Plutonium-238	2.07	PCI/G	0.04			55	03/17/2005
SU4FSS076	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	03/17/2005
SU4FSS076	Radium-226	1.68	PCI/G	0.83			2.9	03/17/2005
SU4FSS076	Thorium-228	0.61	PCI/G	0.09			2.6	03/17/2005
SU4FSS076	Thorium-230	0.79	PCI/G	0.06		J	2.8	03/17/2005
SU4FSS076	Thorium-232	0.51	PCI/G	0.06		J	2.1	03/17/2005
SU4FSS077	Actinium-227	0.27	PCI/G	0.27	U		4.6	03/17/2005
SU4FSS077	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS077	Cesium-137	0.06	PCI/G	0.05			3.8	03/17/2005
SU4FSS077	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU4FSS077	Lead-210	1.94	PCI/G	0.80			7.4	03/17/2005
SU4FSS077	Plutonium-238	0.10	PCI/G	0.05		J	55	03/17/2005
SU4FSS077	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005
SU4FSS077	Radium-226	2.39	PCI/G	0.78			2.9	03/17/2005
SU4FSS077	Thorium-228	0.66	PCI/G	0.04			2.6	03/17/2005
SU4FSS077	Thorium-230	1.10	PCI/G	0.04		J	2.8	03/17/2005
SU4FSS077	Thorium-232	0.52	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS078	Actinium-227	0.25	PCI/G	0.25	U		4.6	03/17/2005
SU4FSS078	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005
SU4FSS078	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005
SU4FSS078	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS078	Lead-210	1.16	PCI/G	0.52			7.4	03/17/2005
SU4FSS078	Plutonium-238	0.34	PCI/G	0.05			55	03/17/2005
SU4FSS078	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS078	Radium-226	1.29	PCI/G	0.70			2.9	03/17/2005
SU4FSS078	Thorium-228	0.33	PCI/G	0.06			2.6	03/17/2005
SU4FSS078	Thorium-230	0.50	PCI/G	0.05		J	2.8	03/17/2005
SU4FSS078	Thorium-232	0.35	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS079	Actinium-227	0.31	PCI/G	0.31	U		4.6	03/17/2005
SU4FSS079	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS079	Cesium-137	0.05	PCI/G	0.05			3.8	03/17/2005
SU4FSS079	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU4FSS079	Lead-210	11.66	PCI/G	0.99			7.4	03/17/2005
SU4FSS079	Plutonium-238	17.00	PCI/G	0.04			55	03/17/2005
SU4FSS079	Plutonium-239/240	0.17	PCI/G	0.03		J	62	03/17/2005
SU4FSS079	Radium-226	1.32	PCI/G	0.94			2.9	03/17/2005
SU4FSS079	Thorium-228	1.67	PCI/G	0.03			2.6	03/17/2005
SU4FSS079	Thorium-230	0.73	PCI/G	0.03		J	2.8	03/17/2005
SU4FSS079	Thorium-232	1.09	PCI/G	0.03		J	2.1	03/17/2005
SU4FSS080	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/17/2005
SU4FSS080	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS080	Cesium-137	0.19	PCI/G	0.04			3.8	03/17/2005
SU4FSS080	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU4FSS080	Lead-210	1.86	PCI/G	0.71			7.4	03/17/2005
SU4FSS080	Plutonium-238	3.52	PCI/G	0.04			55	03/17/2005
SU4FSS080	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/17/2005
SU4FSS080	Radium-226	0.98	PCI/G	0.75			2.9	03/17/2005
SU4FSS080	Thorium-228	0.97	PCI/G	0.07			2.6	03/17/2005
SU4FSS080	Thorium-230	0.88	PCI/G	0.03			2.8	03/17/2005
SU4FSS080	Thorium-232	0.82	PCI/G	0.04			2.1	03/17/2005
SU4FSS081	Actinium-227	0.22	PCI/G	0.22	U		4.6	03/17/2005
SU4FSS081	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005
SU4FSS081	Cesium-137	0.05	PCI/G	0.04			3.8	03/17/2005
SU4FSS081	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU4FSS081	Lead-210	1.19	PCI/G	0.60			7.4	03/17/2005
SU4FSS081	Plutonium-238	0.32	PCI/G	0.04			55	03/17/2005
SU4FSS081	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	03/17/2005
SU4FSS081	Radium-226	0.86	PCI/G	0.64			2.9	03/17/2005
SU4FSS081	Thorium-228	0.99	PCI/G	0.08			2.6	03/17/2005
SU4FSS081	Thorium-230	0.94	PCI/G	0.06		J	2.8	03/17/2005
SU4FSS081	Thorium-232	0.87	PCI/G	0.07		J	2.1	03/17/2005
SU4FSS082	Actinium-227	0.26	PCI/G	0.26	U		4.6	03/17/2005
SU4FSS082	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS082	Cesium-137	0.09	PCI/G	0.04			3.8	03/17/2005
SU4FSS082	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS082	Lead-210	2.45	PCI/G	0.61			7.4	03/17/2005
SU4FSS082	Plutonium-238	0.28	PCI/G	0.05			55	03/17/2005
SU4FSS082	Plutonium-239/240	0.00	PCI/G	0.04	U	UJ	62	03/17/2005
SU4FSS082	Radium-226	1.26	PCI/G	0.79			2.9	03/17/2005
SU4FSS082	Thorium-228	0.72	PCI/G	0.11			2.6	03/17/2005
SU4FSS082	Thorium-230	0.59	PCI/G	0.04		J	2.8	03/17/2005
SU4FSS082	Thorium-232	0.73	PCI/G	0.08		J	2.1	03/17/2005
SU4FSS083	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/17/2005
SU4FSS083	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS083	Cesium-137	0.21	PCI/G	0.06			3.8	03/17/2005
SU4FSS083	Cobalt-60	0.10	PCI/G	0.10	U		0.7	03/17/2005
SU4FSS083	Lead-210	1.91	PCI/G	0.76			7.4	03/17/2005
SU4FSS083	Plutonium-238	3.07	PCI/G	0.05			55	03/17/2005
SU4FSS083	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	03/17/2005
SU4FSS083	Radium-226	2.30	PCI/G	0.81			2.9	03/17/2005
SU4FSS083	Thorium-228	1.01	PCI/G	0.07			2.6	03/17/2005
SU4FSS083	Thorium-230	0.90	PCI/G	0.03		J	2.8	03/17/2005
SU4FSS083	Thorium-232	0.67	PCI/G	0.06		J	2.1	03/17/2005
SU4FSS084	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/17/2005
SU4FSS084	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS084	Cesium-137	0.16	PCI/G	0.06			3.8	03/17/2005
SU4FSS084	Cobalt-60	0.34	PCI/G	0.34	U		0.7	03/17/2005
SU4FSS084	Lead-210	1.96	PCI/G	0.66			7.4	03/17/2005
SU4FSS084	Plutonium-238	3.86	PCI/G	0.06			55	03/17/2005
SU4FSS084	Plutonium-239/240	0.09	PCI/G	0.04	J	J	62	03/17/2005
SU4FSS084	Radium-226	1.47	PCI/G	0.76			2.9	03/17/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS084	Thorium-228	0.73	PCI/G	0.07			2.6	03/17/2005
SU4FSS084	Thorium-230	1.21	PCI/G	0.05		J	2.8	03/17/2005
SU4FSS084	Thorium-232	0.92	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS085	Actinium-227	0.15	PCI/G	0.15	U		4.6	03/17/2005
SU4FSS085	Americium-241	0.05	PCI/G	0.05	U		63	03/17/2005
SU4FSS085	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005
SU4FSS085	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS085	Lead-210	0.76	PCI/G	0.38			7.4	03/17/2005
SU4FSS085	Plutonium-238	10.30	PCI/G	0.06			55	03/17/2005
SU4FSS085	Plutonium-239/240	0.18	PCI/G	0.04		J	62	03/17/2005
SU4FSS085	Radium-226	0.87	PCI/G	0.49			2.9	03/17/2005
SU4FSS085	Thorium-228	0.59	PCI/G	0.10			2.6	03/17/2005
SU4FSS085	Thorium-230	0.56	PCI/G	0.07		J	2.8	03/17/2005
SU4FSS085	Thorium-232	0.22	PCI/G	0.07		J	2.1	03/17/2005
SU4FSS086	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/17/2005
SU4FSS086	Americium-241	0.04	PCI/G	0.04	U		63	03/17/2005
SU4FSS086	Cesium-137	0.03	PCI/G	0.03	U		3.8	03/17/2005
SU4FSS086	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS086	Lead-210	0.61	PCI/G	0.44			7.4	03/17/2005
SU4FSS086	Plutonium-238	11.20	PCI/G	0.04			55	03/17/2005
SU4FSS086	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	03/17/2005
SU4FSS086	Radium-226	1.10	PCI/G	0.52			2.9	03/17/2005
SU4FSS086	Thorium-228	0.65	PCI/G	0.09			2.6	03/17/2005
SU4FSS086	Thorium-230	0.86	PCI/G	0.04		J	2.8	03/17/2005
SU4FSS086	Thorium-232	0.42	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS087	Actinium-227	0.29	PCI/G	0.29	U		4.6	03/17/2005
SU4FSS087	Americium-241	0.08	PCI/G	0.08	U		63	03/17/2005
SU4FSS087	Cesium-137	0.07	PCI/G	0.07	U		3.8	03/17/2005
SU4FSS087	Cobalt-60	0.06	PCI/G	0.01			0.7	03/17/2005
SU4FSS087	Lead-210	4.07	PCI/G	0.90			7.4	03/17/2005
SU4FSS087	Plutonium-238	3.01	PCI/G	0.04			55	03/17/2005
SU4FSS087	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	03/17/2005
SU4FSS087	Radium-226	1.49	PCI/G	0.85			2.9	03/17/2005
SU4FSS087	Thorium-228	0.47	PCI/G	0.05			2.6	03/17/2005
SU4FSS087	Thorium-230	0.58	PCI/G	0.03		J	2.8	03/17/2005
SU4FSS087	Thorium-232	0.37	PCI/G	0.02		J	2.1	03/17/2005
SU4FSS088	Actinium-227	0.28	PCI/G	0.28	U		4.6	03/17/2005
SU4FSS088	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS088	Cesium-137	0.10	PCI/G	0.05			3.8	03/17/2005
SU4FSS088	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS088	Lead-210	0.80	PCI/G	0.68			7.4	03/17/2005
SU4FSS088	Plutonium-238	0.21	PCI/G	0.04			55	03/17/2005
SU4FSS088	Plutonium-239/240	0.02	PCI/G	0.02	J	J	62	03/17/2005
SU4FSS088	Radium-226	1.84	PCI/G	0.72			2.9	03/17/2005
SU4FSS088	Thorium-228	0.83	PCI/G	0.09		J	2.6	03/17/2005
SU4FSS088	Thorium-230	0.87	PCI/G	0.08		J	2.8	03/17/2005
SU4FSS088	Thorium-232	0.63	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS089	Actinium-227	0.23	PCI/G	0.23	U		4.6	03/17/2005
SU4FSS089	Americium-241	0.07	PCI/G	0.07	U		63	03/17/2005
SU4FSS089	Cesium-137	0.10	PCI/G	0.04			3.8	03/17/2005
SU4FSS089	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSS089	Lead-210	1.56	PCI/G	0.64			7.4	03/17/2005
SU4FSS089	Plutonium-238	5.95	PCI/G	0.04			55	03/17/2005
SU4FSS089	Plutonium-239/240	0.06	PCI/G	0.01	J	J	62	03/17/2005
SU4FSS089	Radium-226	1.41	PCI/G	0.67			2.9	03/17/2005
SU4FSS089	Thorium-228	0.86	PCI/G	0.08			2.6	03/17/2005
SU4FSS089	Thorium-230	1.01	PCI/G	0.03		J	2.8	03/17/2005
SU4FSS089	Thorium-232	0.76	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS090	Actinium-227	0.17	PCI/G	0.17	U		4.6	03/17/2005
SU4FSS090	Americium-241	0.05	PCI/G	0.05	U		63	03/17/2005
SU4FSS090	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005
SU4FSS090	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS090	Lead-210	0.85	PCI/G	0.46			7.4	03/17/2005
SU4FSS090	Plutonium-238	10.80	PCI/G	0.04			55	03/17/2005
SU4FSS090	Plutonium-239/240	0.13	PCI/G	0.03		J	62	03/17/2005
SU4FSS090	Radium-226	0.57	PCI/G	0.57	U		2.9	03/17/2005
SU4FSS090	Thorium-228	0.73	PCI/G	0.07			2.6	03/17/2005

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Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS090	Thorium-230	0.73	PCI/G	0.05		J	2.8	03/17/2005
SU4FSS090	Thorium-232	0.34	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS091	Actinium-227	0.46	PCI/G	0.46	U		4.6	03/17/2005
SU4FSS091	Americium-241	0.11	PCI/G	0.11	U		63	03/17/2005
SU4FSS091	Cesium-137	0.05	PCI/G	0.04			3.8	03/17/2005
SU4FSS091	Cobalt-60	0.05	PCI/G	0.05	U		0.7	03/17/2005
SU4FSS091	Lead-210	0.99	PCI/G	0.92			7.4	03/17/2005
SU4FSS091	Plutonium-238	3.61	PCI/G	0.03			55	03/17/2005
SU4FSS091	Plutonium-239/240	0.02	PCI/G	0.02	U	UJ	62	03/17/2005
SU4FSS091	Radium-226	1.74	PCI/G	0.92			2.9	03/17/2005
SU4FSS091	Thorium-228	0.80	PCI/G	0.06			2.6	03/17/2005
SU4FSS091	Thorium-230	0.92	PCI/G	0.02			2.8	03/17/2005
SU4FSS091	Thorium-232	0.70	PCI/G	0.05			2.1	03/17/2005
SU4FSS092	Actinium-227	0.24	PCI/G	0.24	U		4.6	03/17/2005
SU4FSS092	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005
SU4FSS092	Cesium-137	0.05	PCI/G	0.05	U		3.8	03/17/2005
SU4FSS092	Cobalt-60	0.07	PCI/G	0.07	U		0.7	03/17/2005
SU4FSS092	Lead-210	0.77	PCI/G	0.57			7.4	03/17/2005
SU4FSS092	Plutonium-238	0.51	PCI/G	0.07			55	03/17/2005
SU4FSS092	Plutonium-239/240	0.00	PCI/G	0.05	U	UJ	62	03/17/2005
SU4FSS092	Radium-226	1.66	PCI/G	0.57			2.9	03/17/2005
SU4FSS092	Thorium-228	0.34	PCI/G	0.11		J	2.6	03/17/2005
SU4FSS092	Thorium-230	0.61	PCI/G	0.05		J	2.8	03/17/2005
SU4FSS092	Thorium-232	0.29	PCI/G	0.08		J	2.1	03/17/2005
SU4FSSB1	Actinium-227	0.64	PCI/G	0.64	U		4.6	03/17/2005
SU4FSSB1	Americium-241	0.15	PCI/G	0.15	U		63	03/17/2005
SU4FSSB1	Cesium-137	0.11	PCI/G	0.11	U		3.8	03/17/2005
SU4FSSB1	Cobalt-60	0.11	PCI/G	0.11	U		0.7	03/17/2005
SU4FSSB1	Lead-210	2.89	PCI/G	1.28			7.4	03/17/2005
SU4FSSB1	Plutonium-238	33.90	PCI/G	0.05			55	03/17/2005
SU4FSSB1	Plutonium-239/240	0.40	PCI/G	0.04		J	62	03/17/2005
SU4FSSB1	Radium-226	2.65	PCI/G	1.44			2.9	03/17/2005
SU4FSSB1	Thorium-228	2.22	PCI/G	0.09		J	2.6	03/17/2005
SU4FSSB1	Thorium-230	0.86	PCI/G	0.08		J	2.8	03/17/2005
SU4FSSB1	Thorium-232	0.86	PCI/G	0.04		J	2.1	03/17/2005
SU4FSSB2	Actinium-227	0.18	PCI/G	0.18	U		4.6	03/16/2005
SU4FSSB2	Americium-241	0.05	PCI/G	0.05	U		63	03/16/2005
SU4FSSB2	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/16/2005
SU4FSSB2	Cobalt-60	0.04	PCI/G	0.04	U		0.7	03/16/2005
SU4FSSB2	Lead-210	0.52	PCI/G	0.52			7.4	03/16/2005
SU4FSSB2	Plutonium-238	21.80	PCI/G	0.04			55	03/16/2005
SU4FSSB2	Plutonium-239/240	0.09	PCI/G	0.02	J	J	62	03/16/2005
SU4FSSB2	Radium-226	0.63	PCI/G	0.59			2.9	03/16/2005
SU4FSSB2	Thorium-228	0.56	PCI/G	0.03			2.6	03/16/2005
SU4FSSB2	Thorium-230	0.49	PCI/G	0.02			2.8	03/16/2005
SU4FSSB2	Thorium-232	0.42	PCI/G	0.02			2.1	03/16/2005
SU4FSSB3	Actinium-227	0.20	PCI/G	0.20	U		4.6	03/17/2005
SU4FSSB3	Americium-241	0.06	PCI/G	0.06	U		63	03/17/2005
SU4FSSB3	Cesium-137	0.04	PCI/G	0.04	U		3.8	03/17/2005
SU4FSSB3	Cobalt-60	0.06	PCI/G	0.06	U		0.7	03/17/2005
SU4FSSB3	Lead-210	0.53	PCI/G	0.53	U		7.4	03/17/2005
SU4FSSB3	Plutonium-238	13.10	PCI/G	0.05			55	03/17/2005
SU4FSSB3	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	03/17/2005
SU4FSSB3	Radium-226	1.09	PCI/G	0.60			2.9	03/17/2005
SU4FSSB3	Thorium-228	0.38	PCI/G	0.04			2.6	03/17/2005
SU4FSSB3	Thorium-230	0.46	PCI/G	0.03			2.8	03/17/2005
SU4FSSB3	Thorium-232	0.27	PCI/G	0.02			2.1	03/17/2005
SU67SCR273	Plutonium-238	0.20	PCI/G	0.05		J	55	07/12/2005
SU67SCR273	Plutonium-239/240	0.05	PCI/G	0.05	U	UJ	62	07/12/2005
SU67SCR273	Thorium-228	0.94	PCI/G	0.03			2.6	07/12/2005
SU67SCR273	Thorium-230	0.85	PCI/G	0.03			2.8	07/12/2005
SU67SCR273	Thorium-232	1.08	PCI/G	0.03			2.1	07/12/2005
SU6PRS6701	Plutonium-238	32.10	PCI/G	0.04			55	07/05/2005
SU6PRS6701	Plutonium-239/240	0.24	PCI/G	0.03			62	07/05/2005
SU6PRS6701	Thorium-228	0.45	PCI/G	0.03			2.6	07/05/2005
SU6PRS6701	Thorium-230	0.67	PCI/G	0.02			2.8	07/05/2005
SU6PRS6701	Thorium-232	0.28	PCI/G	0.01			2.1	07/05/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6702	Plutonium-238	27.90	PCI/G	0.04			55	07/05/2005
SU6PRS6702	Plutonium-239/240	0.13	PCI/G	0.02			62	07/05/2005
SU6PRS6702	Thorium-228	0.60	PCI/G	0.04			2.6	07/05/2005
SU6PRS6702	Thorium-230	0.66	PCI/G	0.01			2.8	07/05/2005
SU6PRS6702	Thorium-232	0.49	PCI/G	0.03			2.1	07/05/2005
SU6PRS6703	Plutonium-238	39.50	PCI/G	0.05			55	07/05/2005
SU6PRS6703	Plutonium-239/240	0.16	PCI/G	0.03			62	07/05/2005
SU6PRS6703	Thorium-228	0.89	PCI/G	0.05			2.6	07/05/2005
SU6PRS6703	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005
SU6PRS6703	Thorium-232	0.41	PCI/G	0.03			2.1	07/05/2005
SU6PRS6704	Plutonium-238	2.57	PCI/G	0.07			55	07/05/2005
SU6PRS6704	Plutonium-239/240	0.05	PCI/G	0.05	J	J	62	07/05/2005
SU6PRS6704	Thorium-228	0.49	PCI/G	0.05			2.6	07/05/2005
SU6PRS6704	Thorium-230	0.72	PCI/G	0.03			2.8	07/05/2005
SU6PRS6704	Thorium-232	0.67	PCI/G	0.02			2.1	07/05/2005
SU6PRS6705	Plutonium-238	31.40	PCI/G	0.05			55	07/05/2005
SU6PRS6705	Plutonium-239/240	0.23	PCI/G	0.03			62	07/05/2005
SU6PRS6705	Thorium-228	1.00	PCI/G	0.03			2.6	07/05/2005
SU6PRS6705	Thorium-230	1.16	PCI/G	0.03			2.8	07/05/2005
SU6PRS6705	Thorium-232	1.03	PCI/G	0.01			2.1	07/05/2005
SU6PRS6706	Plutonium-238	39.40	PCI/G	0.04			55	07/05/2005
SU6PRS6706	Plutonium-239/240	0.17	PCI/G	0.03			62	07/05/2005
SU6PRS6706	Thorium-228	0.78	PCI/G	0.03			2.6	07/05/2005
SU6PRS6706	Thorium-230	1.70	PCI/G	0.01			2.8	07/05/2005
SU6PRS6706	Thorium-232	0.47	PCI/G	0.02			2.1	07/05/2005
SU6PRS6707	Plutonium-238	15.20	PCI/G	0.03			55	07/05/2005
SU6PRS6707	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	07/05/2005
SU6PRS6707	Thorium-228	0.59	PCI/G	0.04			2.6	07/05/2005
SU6PRS6707	Thorium-230	1.30	PCI/G	0.03			2.8	07/05/2005
SU6PRS6707	Thorium-232	0.59	PCI/G	0.02			2.1	07/05/2005
SU6PRS6708	Plutonium-238	20.00	PCI/G	0.03			55	07/05/2005
SU6PRS6708	Plutonium-239/240	0.08	PCI/G	0.03	J	J	62	07/05/2005
SU6PRS6708	Thorium-228	0.56	PCI/G	0.04			2.6	07/05/2005
SU6PRS6708	Thorium-230	0.70	PCI/G	0.03			2.8	07/05/2005
SU6PRS6708	Thorium-232	0.52	PCI/G	0.01			2.1	07/05/2005
SU6PRS6709	Plutonium-238	5.23	PCI/G	0.04			55	07/05/2005
SU6PRS6709	Plutonium-239/240	0.03	PCI/G	0.03	U	J	62	07/05/2005
SU6PRS6709	Thorium-228	0.95	PCI/G	0.03			2.6	07/05/2005
SU6PRS6709	Thorium-230	1.18	PCI/G	0.03			2.8	07/05/2005
SU6PRS6709	Thorium-232	0.91	PCI/G	0.02			2.1	07/05/2005
SU6PRS6710	Plutonium-238	17.90	PCI/G	0.04			55	07/05/2005
SU6PRS6710	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	07/05/2005
SU6PRS6710	Thorium-228	0.82	PCI/G	0.06			2.6	07/05/2005
SU6PRS6710	Thorium-230	1.03	PCI/G	0.02			2.8	07/05/2005
SU6PRS6710	Thorium-232	0.78	PCI/G	0.02			2.1	07/05/2005
SU6PRS6711	Plutonium-238	10.20	PCI/G	0.03			55	07/05/2005
SU6PRS6711	Plutonium-239/240	0.04	PCI/G	0.02	J	J	62	07/05/2005
SU6PRS6711	Thorium-228	0.60	PCI/G	0.05			2.6	07/05/2005
SU6PRS6711	Thorium-230	0.87	PCI/G	0.02			2.8	07/05/2005
SU6PRS6711	Thorium-232	0.55	PCI/G	0.01			2.1	07/05/2005
SU6PRS6712	Plutonium-238	2.07	PCI/G	0.04			55	07/05/2005
SU6PRS6712	Plutonium-239/240	20.10	PCI/G	0.01			62	07/05/2005
SU6PRS6712	Thorium-228	0.79	PCI/G	0.08			2.6	07/05/2005
SU6PRS6712	Thorium-230	0.87	PCI/G	0.04			2.8	07/05/2005
SU6PRS6712	Thorium-232	0.72	PCI/G	0.02			2.1	07/05/2005
SU6PRS6713	Plutonium-238	1.88	PCI/G	0.03			55	07/05/2005
SU6PRS6713	Plutonium-239/240	0.25	PCI/G	0.02			62	07/05/2005
SU6PRS6713	Thorium-228	0.60	PCI/G	0.05			2.6	07/05/2005
SU6PRS6713	Thorium-230	0.76	PCI/G	0.03			2.8	07/05/2005
SU6PRS6713	Thorium-232	0.62	PCI/G	0.04			2.1	07/05/2005
SU6PRS6714	Plutonium-238	5.19	PCI/G	0.04			55	07/05/2005
SU6PRS6714	Plutonium-239/240	0.05	PCI/G	0.03	J	J	62	07/05/2005
SU6PRS6714	Thorium-228	0.77	PCI/G	0.07			2.6	07/05/2005
SU6PRS6714	Thorium-230	1.19	PCI/G	0.03			2.8	07/05/2005
SU6PRS6714	Thorium-232	0.62	PCI/G	0.02			2.1	07/05/2005
SU6PRS6715	Plutonium-238	21.10	PCI/G	0.03			55	07/05/2005
SU6PRS6715	Plutonium-239/240	0.12	PCI/G	0.03			62	07/05/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6715	Thorium-228	1.08	PCI/G	0.05			2.6	07/05/2005
SU6PRS6715	Thorium-230	1.27	PCI/G	0.04			2.8	07/05/2005
SU6PRS6715	Thorium-232	0.90	PCI/G	0.04			2.1	07/05/2005
SU6PRS6716	Plutonium-238	24.10	PCI/G	0.03			55	07/05/2005
SU6PRS6716	Plutonium-239/240	0.14	PCI/G	0.02			62	07/05/2005
SU6PRS6716	Thorium-228	0.85	PCI/G	0.05			2.6	07/05/2005
SU6PRS6716	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005
SU6PRS6716	Thorium-232	0.79	PCI/G	0.03			2.1	07/05/2005
SU6PRS6717	Plutonium-238	24.20	PCI/G	0.03			55	07/05/2005
SU6PRS6717	Plutonium-239/240	0.12	PCI/G	0.02			62	07/05/2005
SU6PRS6717	Thorium-228	0.73	PCI/G	0.04			2.6	07/05/2005
SU6PRS6717	Thorium-230	0.80	PCI/G	0.01			2.8	07/05/2005
SU6PRS6717	Thorium-232	0.56	PCI/G	0.02			2.1	07/05/2005
SU6PRS6718	Plutonium-238	20.00	PCI/G	0.03			55	07/05/2005
SU6PRS6718	Plutonium-239/240	0.10	PCI/G	0.02			62	07/05/2005
SU6PRS6718	Thorium-228	0.49	PCI/G	0.04			2.6	07/05/2005
SU6PRS6718	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005
SU6PRS6718	Thorium-232	0.48	PCI/G	0.02			2.1	07/05/2005
SU6PRS6719	Plutonium-238	47.00	PCI/G	0.03			55	07/05/2005
SU6PRS6719	Plutonium-239/240	0.20	PCI/G	0.02			62	07/05/2005
SU6PRS6719	Thorium-228	0.85	PCI/G	0.04			2.6	07/05/2005
SU6PRS6719	Thorium-230	1.23	PCI/G	0.02			2.8	07/05/2005
SU6PRS6719	Thorium-232	0.62	PCI/G	0.02			2.1	07/05/2005
SU6PRS6720	Plutonium-238	28.80	PCI/G	0.04			55	08/02/2005
SU6PRS6720	Plutonium-239/240	0.13	PCI/G	0.04			62	08/02/2005
SU6PRS6720	Thorium-228	1.99	PCI/G	0.03			2.6	07/05/2005
SU6PRS6720	Thorium-230	1.42	PCI/G	0.02			2.8	07/05/2005
SU6PRS6720	Thorium-232	1.20	PCI/G	0.03			2.1	07/05/2005
SU6PRS6721	Plutonium-238	10.50	PCI/G	0.03			55	07/05/2005
SU6PRS6721	Plutonium-239/240	0.04	PCI/G	0.01	J	J	62	07/05/2005
SU6PRS6721	Thorium-228	0.66	PCI/G	0.05			2.6	07/05/2005
SU6PRS6721	Thorium-230	0.88	PCI/G	0.04			2.8	07/05/2005
SU6PRS6721	Thorium-232	0.40	PCI/G	0.05			2.1	07/05/2005
SU6PRS6722	Plutonium-238	0.01	PCI/G	0.03	U	UJ	55	07/05/2005
SU6PRS6722	Plutonium-239/240	0.01	PCI/G	0.01	U	U	62	07/05/2005
SU6PRS6722	Thorium-228	0.62	PCI/G	0.08			2.6	07/05/2005
SU6PRS6722	Thorium-230	0.83	PCI/G	0.03			2.8	07/05/2005
SU6PRS6722	Thorium-232	0.45	PCI/G	0.03			2.1	07/05/2005
SU6PRS6723	Plutonium-238	0.07	PCI/G	0.04	J	J	55	07/05/2005
SU6PRS6723	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	07/05/2005
SU6PRS6723	Thorium-228	0.55	PCI/G	0.07			2.6	07/05/2005
SU6PRS6723	Thorium-230	0.87	PCI/G	0.05			2.8	07/05/2005
SU6PRS6723	Thorium-232	0.60	PCI/G	0.06			2.1	07/05/2005
SU6PRS6724	Plutonium-238	4.94	PCI/G	0.04			55	07/05/2005
SU6PRS6724	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	07/05/2005
SU6PRS6724	Thorium-228	0.77	PCI/G	0.05			2.6	07/05/2005
SU6PRS6724	Thorium-230	1.13	PCI/G	0.03			2.8	07/05/2005
SU6PRS6724	Thorium-232	0.61	PCI/G	0.03			2.1	07/05/2005
SU6PRS6725	Plutonium-238	0.07	PCI/G	0.04	J	J	55	07/05/2005
SU6PRS6725	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	07/05/2005
SU6PRS6725	Thorium-228	0.97	PCI/G	0.03			2.6	07/05/2005
SU6PRS6725	Thorium-230	1.16	PCI/G	0.03			2.8	07/05/2005
SU6PRS6725	Thorium-232	0.93	PCI/G	0.03			2.1	07/05/2005
SU6PRS6726	Plutonium-238	1.23	PCI/G	0.03			55	07/05/2005
SU6PRS6726	Plutonium-239/240	0.04	PCI/G	0.01	J	J	62	07/05/2005
SU6PRS6726	Thorium-228	1.09	PCI/G	0.06			2.6	07/05/2005
SU6PRS6726	Thorium-230	0.88	PCI/G	0.03			2.8	07/05/2005
SU6PRS6726	Thorium-232	0.88	PCI/G	0.03			2.1	07/05/2005
SU6PRS6727	Plutonium-238	1.38	PCI/G	0.03			55	07/06/2005
SU6PRS6727	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/06/2005
SU6PRS6727	Thorium-228	1.18	PCI/G	0.04			2.6	07/06/2005
SU6PRS6727	Thorium-230	0.76	PCI/G	0.03			2.8	07/06/2005
SU6PRS6727	Thorium-232	0.99	PCI/G	0.04			2.1	07/06/2005
SU6PRS6728	Plutonium-238	10.30	PCI/G	0.03			55	07/05/2005
SU6PRS6728	Plutonium-239/240	0.07	PCI/G	0.03	J	J	62	07/05/2005
SU6PRS6728	Thorium-228	0.82	PCI/G	0.05			2.6	07/05/2005
SU6PRS6728	Thorium-230	0.81	PCI/G	0.03			2.8	07/05/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6728	Thorium-232	0.86	PCI/G	0.04			2.1	07/05/2005
SU6PRS6729	Plutonium-238	27.20	PCI/G	0.04			55	07/05/2005
SU6PRS6729	Plutonium-239/240	0.18	PCI/G	0.03			62	07/05/2005
SU6PRS6729	Thorium-228	0.89	PCI/G	0.09			2.6	07/05/2005
SU6PRS6729	Thorium-230	0.78	PCI/G	0.05			2.8	07/05/2005
SU6PRS6729	Thorium-232	0.78	PCI/G	0.05			2.1	07/05/2005
SU6PRS6730	Plutonium-238	29.30	PCI/G	0.05			55	07/05/2005
SU6PRS6730	Plutonium-239/240	0.11	PCI/G	0.04			62	07/05/2005
SU6PRS6730	Thorium-228	0.89	PCI/G	0.05			2.6	07/05/2005
SU6PRS6730	Thorium-230	0.90	PCI/G	0.04			2.8	07/05/2005
SU6PRS6730	Thorium-232	0.55	PCI/G	0.02			2.1	07/05/2005
SU6PRS6731	Plutonium-238	17.60	PCI/G	0.03			55	07/05/2005
SU6PRS6731	Plutonium-239/240	0.08	PCI/G	0.03	J	J	62	07/05/2005
SU6PRS6731	Thorium-228	0.45	PCI/G	0.04			2.6	07/05/2005
SU6PRS6731	Thorium-230	0.50	PCI/G	0.03			2.8	07/05/2005
SU6PRS6731	Thorium-232	0.29	PCI/G	0.02			2.1	07/05/2005
SU6PRS6732	Plutonium-238	31.60	PCI/G	0.03			55	07/05/2005
SU6PRS6732	Plutonium-239/240	0.18	PCI/G	0.03			62	07/05/2005
SU6PRS6732	Thorium-228	0.64	PCI/G	0.04			2.6	07/05/2005
SU6PRS6732	Thorium-230	0.62	PCI/G	0.04			2.8	07/05/2005
SU6PRS6732	Thorium-232	0.25	PCI/G	0.03			2.1	07/05/2005
SU6PRS6733	Plutonium-238	157.00	PCI/G	0.02			55	07/05/2005
SU6PRS6733	Plutonium-239/240	0.80	PCI/G	0.02			62	07/05/2005
SU6PRS6733	Thorium-228	1.28	PCI/G	0.03			2.6	07/05/2005
SU6PRS6733	Thorium-230	1.32	PCI/G	0.02			2.8	07/05/2005
SU6PRS6733	Thorium-232	0.79	PCI/G	0.02			2.1	07/05/2005
SU6PRS6734	Plutonium-238	2.92	PCI/G	0.04			55	07/05/2005
SU6PRS6734	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	07/05/2005
SU6PRS6734	Thorium-228	0.22	PCI/G	0.05			2.6	07/05/2005
SU6PRS6734	Thorium-230	0.56	PCI/G	0.03			2.8	07/05/2005
SU6PRS6734	Thorium-232	0.32	PCI/G	0.03			2.1	07/05/2005
SU6PRS6735	Plutonium-238	0.13	PCI/G	0.03			55	07/06/2005
SU6PRS6735	Plutonium-239/240	0.02	PCI/G	0.02	J	J	62	07/06/2005
SU6PRS6735	Thorium-228	0.87	PCI/G	0.07			2.6	07/06/2005
SU6PRS6735	Thorium-230	0.69	PCI/G	0.03			2.8	07/06/2005
SU6PRS6735	Thorium-232	0.88	PCI/G	0.03			2.1	07/06/2005
SU6PRS6736	Plutonium-238	0.51	PCI/G	0.03			55	07/05/2005
SU6PRS6736	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/05/2005
SU6PRS6736	Thorium-228	0.98	PCI/G	0.11			2.6	07/05/2005
SU6PRS6736	Thorium-230	0.62	PCI/G	0.04			2.8	07/05/2005
SU6PRS6736	Thorium-232	0.77	PCI/G	0.06			2.1	07/05/2005
SU6PRS6737	Plutonium-238	3.97	PCI/G	0.02			55	07/05/2005
SU6PRS6737	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	07/05/2005
SU6PRS6737	Thorium-228	0.83	PCI/G	0.07			2.6	07/05/2005
SU6PRS6737	Thorium-230	0.93	PCI/G	0.06			2.8	07/05/2005
SU6PRS6737	Thorium-232	0.69	PCI/G	0.06			2.1	07/05/2005
SU6PRS6738	Plutonium-238	4.99	PCI/G	0.02			55	07/05/2005
SU6PRS6738	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	07/05/2005
SU6PRS6738	Thorium-228	0.81	PCI/G	0.07			2.6	07/05/2005
SU6PRS6738	Thorium-230	0.74	PCI/G	0.04			2.8	07/05/2005
SU6PRS6738	Thorium-232	0.72	PCI/G	0.07			2.1	07/05/2005
SU6PRS6739	Plutonium-238	1.16	PCI/G	0.03			55	07/05/2005
SU6PRS6739	Plutonium-239/240	0.01	PCI/G	0.01	U	U	62	07/05/2005
SU6PRS6739	Thorium-228	0.92	PCI/G	0.08			2.6	07/05/2005
SU6PRS6739	Thorium-230	0.61	PCI/G	0.06			2.8	07/05/2005
SU6PRS6739	Thorium-232	0.89	PCI/G	0.05			2.1	07/05/2005
SU6PRS6740	Plutonium-238	2.86	PCI/G	0.03			55	07/05/2005
SU6PRS6740	Plutonium-239/240	0.03	PCI/G	0.01	J	J	62	07/05/2005
SU6PRS6740	Thorium-228	0.98	PCI/G	0.09			2.6	07/05/2005
SU6PRS6740	Thorium-230	0.81	PCI/G	0.08			2.8	07/05/2005
SU6PRS6740	Thorium-232	0.96	PCI/G	0.08			2.1	07/05/2005
SU6PRS6741	Plutonium-238	9.40	PCI/G	0.02			55	07/05/2005
SU6PRS6741	Plutonium-239/240	0.07	PCI/G	0.01	J	J	62	07/05/2005
SU6PRS6741	Thorium-228	0.87	PCI/G	0.10			2.6	07/05/2005
SU6PRS6741	Thorium-230	0.64	PCI/G	0.08			2.8	07/05/2005
SU6PRS6741	Thorium-232	0.86	PCI/G	0.05			2.1	07/05/2005
SU6PRS6742	Plutonium-238	7.85	PCI/G	0.02			55	07/05/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6742	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	07/05/2005
SU6PRS6742	Thorium-228	1.06	PCI/G	0.04			2.6	07/05/2005
SU6PRS6742	Thorium-230	1.25	PCI/G	0.02			2.8	07/05/2005
SU6PRS6742	Thorium-232	1.00	PCI/G	0.01			2.1	07/05/2005
SU6PRS6743	Plutonium-238	37.40	PCI/G	0.02			55	07/05/2005
SU6PRS6743	Plutonium-239/240	0.27	PCI/G	0.02			62	07/05/2005
SU6PRS6743	Thorium-228	0.88	PCI/G	0.04			2.6	07/05/2005
SU6PRS6743	Thorium-230	1.40	PCI/G	0.02			2.8	07/05/2005
SU6PRS6743	Thorium-232	0.69	PCI/G	0.02			2.1	07/05/2005
SU6PRS6744	Plutonium-238	1.22	PCI/G	0.03			55	07/05/2005
SU6PRS6744	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/05/2005
SU6PRS6744	Thorium-228	0.34	PCI/G	0.06			2.6	07/05/2005
SU6PRS6744	Thorium-230	0.46	PCI/G	0.04		J	2.8	07/05/2005
SU6PRS6744	Thorium-232	0.23	PCI/G	0.04			2.1	07/05/2005
SU6PRS6745	Plutonium-238	0.43	PCI/G	0.04			55	07/06/2005
SU6PRS6745	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	07/06/2005
SU6PRS6745	Thorium-228	0.73	PCI/G	0.06			2.6	07/06/2005
SU6PRS6745	Thorium-230	0.76	PCI/G	0.04			2.8	07/06/2005
SU6PRS6745	Thorium-232	0.73	PCI/G	0.03			2.1	07/06/2005
SU6PRS6746	Plutonium-238	2.00	PCI/G	0.04			55	07/05/2005
SU6PRS6746	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/05/2005
SU6PRS6746	Thorium-228	0.34	PCI/G	0.05			2.6	07/05/2005
SU6PRS6746	Thorium-230	0.55	PCI/G	0.02			2.8	07/05/2005
SU6PRS6746	Thorium-232	0.40	PCI/G	0.02			2.1	07/05/2005
SU6PRS6747	Plutonium-238	22.10	PCI/G	0.04			55	07/06/2005
SU6PRS6747	Plutonium-239/240	0.11	PCI/G	0.05		J	62	07/06/2005
SU6PRS6747	Thorium-228	0.71	PCI/G	0.05			2.6	07/06/2005
SU6PRS6747	Thorium-230	1.03	PCI/G	0.02			2.8	07/06/2005
SU6PRS6747	Thorium-232	0.61	PCI/G	0.04			2.1	07/06/2005
SU6PRS6748	Plutonium-238	2.71	PCI/G	0.04			55	07/06/2005
SU6PRS6748	Plutonium-239/240	0.02	PCI/G	0.03	U	UJ	62	07/06/2005
SU6PRS6748	Thorium-228	0.64	PCI/G	0.04			2.6	07/06/2005
SU6PRS6748	Thorium-230	0.75	PCI/G	0.02			2.8	07/06/2005
SU6PRS6748	Thorium-232	0.86	PCI/G	0.02			2.1	07/06/2005
SU6PRS6749	Plutonium-238	4.44	PCI/G	0.03			55	07/05/2005
SU6PRS6749	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	07/05/2005
SU6PRS6749	Thorium-228	0.50	PCI/G	0.05			2.6	07/05/2005
SU6PRS6749	Thorium-230	0.73	PCI/G	0.03			2.8	07/05/2005
SU6PRS6749	Thorium-232	0.42	PCI/G	0.02			2.1	07/05/2005
SU6PRS6750	Plutonium-238	18.00	PCI/G	0.03			55	07/06/2005
SU6PRS6750	Plutonium-239/240	0.09	PCI/G	0.02	J		62	07/06/2005
SU6PRS6750	Thorium-228	0.68	PCI/G	0.04			2.6	07/06/2005
SU6PRS6750	Thorium-230	0.78	PCI/G	0.04			2.8	07/06/2005
SU6PRS6750	Thorium-232	0.68	PCI/G	0.02			2.1	07/06/2005
SU6PRS6751	Plutonium-238	3.42	PCI/G	0.04			55	07/06/2005
SU6PRS6751	Plutonium-239/240	0.03	PCI/G	0.03	J	J	62	07/06/2005
SU6PRS6751	Thorium-228	0.48	PCI/G	0.04			2.6	07/06/2005
SU6PRS6751	Thorium-230	0.73	PCI/G	0.02			2.8	07/06/2005
SU6PRS6751	Thorium-232	0.33	PCI/G	0.03			2.1	07/06/2005
SU6PRS6752	Plutonium-238	9.48	PCI/G	0.03			55	07/06/2005
SU6PRS6752	Plutonium-239/240	0.06	PCI/G	0.01	J	J	62	07/06/2005
SU6PRS6752	Thorium-228	0.71	PCI/G	0.05			2.6	07/06/2005
SU6PRS6752	Thorium-230	1.07	PCI/G	0.04			2.8	07/06/2005
SU6PRS6752	Thorium-232	0.45	PCI/G	0.02			2.1	07/06/2005
SU6PRS6753	Plutonium-238	7.62	PCI/G	0.05			55	07/06/2005
SU6PRS6753	Plutonium-239/240	0.04	PCI/G	0.03	J	J	62	07/06/2005
SU6PRS6753	Thorium-228	0.55	PCI/G	0.03			2.6	07/06/2005
SU6PRS6753	Thorium-230	0.94	PCI/G	0.05			2.8	07/06/2005
SU6PRS6753	Thorium-232	0.60	PCI/G	0.04			2.1	07/06/2005
SU6PRS6754	Plutonium-238	3.07	PCI/G	0.06			55	07/06/2005
SU6PRS6754	Plutonium-239/240	0.04	PCI/G	0.04	U	U	62	07/06/2005
SU6PRS6754	Thorium-228	0.67	PCI/G	0.07			2.6	07/06/2005
SU6PRS6754	Thorium-230	0.82	PCI/G	0.02			2.8	07/06/2005
SU6PRS6754	Thorium-232	0.53	PCI/G	0.04			2.1	07/06/2005
SU6PRS6755	Plutonium-238	19.50	PCI/G	0.03			55	07/06/2005
SU6PRS6755	Plutonium-239/240	0.07	PCI/G	0.03	J	J	62	07/06/2005
SU6PRS6755	Thorium-228	0.44	PCI/G	0.02			2.6	07/06/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6755	Thorium-230	1.58	PCI/G	0.04			2.8	07/06/2005
SU6PRS6755	Thorium-232	0.49	PCI/G	0.02			2.1	07/06/2005
SU6PRS6756	Plutonium-238	5.19	PCI/G	0.04			55	07/06/2005
SU6PRS6756	Plutonium-239/240	0.04	PCI/G	0.03	J	J	62	07/06/2005
SU6PRS6756	Thorium-228	1.15	PCI/G	0.05			2.6	07/06/2005
SU6PRS6756	Thorium-230	1.38	PCI/G	0.04			2.8	07/06/2005
SU6PRS6756	Thorium-232	1.04	PCI/G	0.02			2.1	07/06/2005
SU6PRS6757	Plutonium-238	0.40	PCI/G	0.04			55	07/06/2005
SU6PRS6757	Plutonium-239/240	0.02	PCI/G	0.02	U	U	62	07/06/2005
SU6PRS6757	Thorium-228	0.08	PCI/G	0.09	U	U	2.6	07/06/2005
SU6PRS6757	Thorium-230	0.30	PCI/G	0.03		J	2.8	07/06/2005
SU6PRS6757	Thorium-232	0.12	PCI/G	0.05		J	2.1	07/06/2005
SU6PRS6758	Plutonium-238	11.50	PCI/G	0.03			55	07/06/2005
SU6PRS6758	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	07/06/2005
SU6PRS6758	Thorium-228	0.36	PCI/G	0.04			2.6	07/06/2005
SU6PRS6758	Thorium-230	0.70	PCI/G	0.03			2.8	07/06/2005
SU6PRS6758	Thorium-232	0.39	PCI/G	0.03			2.1	07/06/2005
SU6PRS6759	Plutonium-238	22.30	PCI/G	0.03			55	07/06/2005
SU6PRS6759	Plutonium-239/240	0.15	PCI/G	0.02			62	07/06/2005
SU6PRS6759	Thorium-228	0.98	PCI/G	0.20		J	2.6	07/06/2005
SU6PRS6759	Thorium-230	1.32	PCI/G	0.07		J	2.8	07/06/2005
SU6PRS6759	Thorium-232	0.90	PCI/G	0.09		J	2.1	07/06/2005
SU6PRS6760	Plutonium-238	34.80	PCI/G	0.03			55	07/06/2005
SU6PRS6760	Plutonium-239/240	0.44	PCI/G	0.02			62	07/06/2005
SU6PRS6760	Thorium-228	1.28	PCI/G	0.05			2.6	07/06/2005
SU6PRS6760	Thorium-230	1.24	PCI/G	0.02			2.8	07/06/2005
SU6PRS6760	Thorium-232	0.95	PCI/G	0.02			2.1	07/06/2005
SU6PRS6761	Plutonium-238	8.51	PCI/G	0.04			55	07/06/2005
SU6PRS6761	Plutonium-239/240	0.02	PCI/G	0.02	J	J	62	07/06/2005
SU6PRS6761	Thorium-228	0.65	PCI/G	0.03			2.6	07/06/2005
SU6PRS6761	Thorium-230	1.09	PCI/G	0.03			2.8	07/06/2005
SU6PRS6761	Thorium-232	0.56	PCI/G	0.03			2.1	07/06/2005
SU6PRS6762	Plutonium-238	6.22	PCI/G	0.05			55	07/06/2005
SU6PRS6762	Plutonium-239/240	0.03	PCI/G	0.05	U	UJ	62	07/06/2005
SU6PRS6762	Thorium-228	0.94	PCI/G	0.04			2.6	07/06/2005
SU6PRS6762	Thorium-230	1.41	PCI/G	0.02			2.8	07/06/2005
SU6PRS6762	Thorium-232	0.95	PCI/G	0.03			2.1	07/06/2005
SU6PRS6763	Plutonium-238	13.80	PCI/G	0.04			55	07/06/2005
SU6PRS6763	Plutonium-239/240	0.06	PCI/G	0.03	J	J	62	07/06/2005
SU6PRS6763	Thorium-228	0.49	PCI/G	0.06			2.6	07/06/2005
SU6PRS6763	Thorium-230	0.66	PCI/G	0.02			2.8	07/06/2005
SU6PRS6763	Thorium-232	0.40	PCI/G	0.04			2.1	07/06/2005
SU6PRS6764	Plutonium-238	25.70	PCI/G	0.03			55	07/06/2005
SU6PRS6764	Plutonium-239/240	0.19	PCI/G	0.01			62	07/06/2005
SU6PRS6764	Thorium-228	1.10	PCI/G	0.06			2.6	07/06/2005
SU6PRS6764	Thorium-230	1.09	PCI/G	0.03			2.8	07/06/2005
SU6PRS6764	Thorium-232	0.92	PCI/G	0.05			2.1	07/06/2005
SU6PRS6765	Plutonium-238	3.21	PCI/G	0.04			55	07/06/2005
SU6PRS6765	Plutonium-239/240	0.00	PCI/G	0.03	U	UJ	62	07/06/2005
SU6PRS6765	Thorium-228	1.25	PCI/G	0.04			2.6	07/06/2005
SU6PRS6765	Thorium-230	1.38	PCI/G	0.02			2.8	07/06/2005
SU6PRS6765	Thorium-232	1.11	PCI/G	0.02			2.1	07/06/2005
SU6PRS6766	Plutonium-238	0.68	PCI/G	0.04			55	07/06/2005
SU6PRS6766	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	07/06/2005
SU6PRS6766	Thorium-228	1.08	PCI/G	0.05			2.6	07/06/2005
SU6PRS6766	Thorium-230	1.37	PCI/G	0.03			2.8	07/06/2005
SU6PRS6766	Thorium-232	1.19	PCI/G	0.03			2.1	07/06/2005
SU6PRS6767	Plutonium-238	6.37	PCI/G	0.03			55	07/06/2005
SU6PRS6767	Plutonium-239/240	0.03	PCI/G	0.01	J	J	62	07/06/2005
SU6PRS6767	Thorium-228	0.70	PCI/G	0.03			2.6	07/06/2005
SU6PRS6767	Thorium-230	1.06	PCI/G	0.03			2.8	07/06/2005
SU6PRS6767	Thorium-232	0.54	PCI/G	0.02			2.1	07/06/2005
SU6PRS6768	Plutonium-238	8.60	PCI/G	0.03			55	07/06/2005
SU6PRS6768	Plutonium-239/240	0.03	PCI/G	0.02	J	J	62	07/06/2005
SU6PRS6768	Thorium-228	1.04	PCI/G	0.05			2.6	07/06/2005
SU6PRS6768	Thorium-230	1.63	PCI/G	0.03			2.8	07/06/2005
SU6PRS6768	Thorium-232	0.83	PCI/G	0.02			2.1	07/06/2005

Table 5: As-Left Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6769	Plutonium-238	1.32	PCI/G	0.03			55	07/06/2005
SU6PRS6769	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	07/06/2005
SU6PRS6769	Thorium-228	0.24	PCI/G	0.03			2.6	07/06/2005
SU6PRS6769	Thorium-230	0.42	PCI/G	0.04			2.8	07/06/2005
SU6PRS6769	Thorium-232	0.30	PCI/G	0.02			2.1	07/06/2005
SU6PRS6770	Plutonium-238	22.10	PCI/G	0.05			55	07/06/2005
SU6PRS6770	Plutonium-239/240	0.17	PCI/G	0.03			62	07/06/2005
SU6PRS6770	Thorium-228	0.79	PCI/G	0.05			2.6	07/06/2005
SU6PRS6770	Thorium-230	1.52	PCI/G	0.05			2.8	07/06/2005
SU6PRS6770	Thorium-232	0.72	PCI/G	0.05			2.1	07/06/2005
SU6PRS6771	Plutonium-238	6.78	PCI/G	0.07			55	07/06/2005
SU6PRS6771	Plutonium-239/240	0.04	PCI/G	0.05	U	U	62	07/06/2005
SU6PRS6771	Thorium-228	0.30	PCI/G	0.06			2.6	07/06/2005
SU6PRS6771	Thorium-230	0.60	PCI/G	0.02			2.8	07/06/2005
SU6PRS6771	Thorium-232	0.27	PCI/G	0.02			2.1	07/06/2005
SU6PRS6772	Plutonium-238	12.30	PCI/G	0.03			55	07/06/2005
SU6PRS6772	Plutonium-239/240	0.09	PCI/G	0.03	J	J	62	07/06/2005
SU6PRS6772	Thorium-228	0.36	PCI/G	0.10			2.6	07/06/2005
SU6PRS6772	Thorium-230	0.35	PCI/G	0.08		J	2.8	07/06/2005
SU6PRS6772	Thorium-232	0.33	PCI/G	0.09			2.1	07/06/2005
SU6PRS6773	Plutonium-238	16.00	PCI/G	0.03			55	07/06/2005
SU6PRS6773	Plutonium-239/240	0.09	PCI/G	0.02	J	J	62	07/06/2005
SU6PRS6773	Thorium-228	0.94	PCI/G	0.03			2.6	07/12/2005
SU6PRS6773	Thorium-230	0.85	PCI/G	0.03			2.8	07/12/2005
SU6PRS6773	Thorium-232	0.60	PCI/G	0.03			2.1	07/06/2005
SU6PRS6774	Plutonium-238	0.75	PCI/G	0.03			55	07/06/2005
SU6PRS6774	Plutonium-239/240	0.01	PCI/G	0.03	U	UJ	62	07/06/2005
SU6PRS6774	Thorium-228	0.35	PCI/G	0.05			2.6	07/06/2005
SU6PRS6774	Thorium-230	1.28	PCI/G	0.05			2.8	07/06/2005
SU6PRS6774	Thorium-232	0.43	PCI/G	0.05			2.1	07/06/2005
SU6PRS6775	Plutonium-238	0.46	PCI/G	0.03			55	07/06/2005
SU6PRS6775	Plutonium-239/240	0.01	PCI/G	0.02	U	UJ	62	07/06/2005
SU6PRS6775	Thorium-228	1.08	PCI/G	0.09			2.6	07/06/2005
SU6PRS6775	Thorium-230	1.26	PCI/G	0.07			2.8	07/06/2005
SU6PRS6775	Thorium-232	1.31	PCI/G	0.06			2.1	07/06/2005
SU6PRS6776	Plutonium-238	8.21	PCI/G	0.03			55	07/06/2005
SU6PRS6776	Plutonium-239/240	0.05	PCI/G	0.02	J	J	62	07/06/2005
SU6PRS6776	Thorium-228	0.47	PCI/G	0.06			2.6	07/06/2005
SU6PRS6776	Thorium-230	0.74	PCI/G	0.04			2.8	07/06/2005
SU6PRS6776	Thorium-232	0.50	PCI/G	0.03			2.1	07/06/2005
SU6PRS6777	Plutonium-238	11.70	PCI/G	0.03			55	07/06/2005
SU6PRS6777	Plutonium-239/240	0.07	PCI/G	0.02	J	J	62	07/06/2005
SU6PRS6777	Thorium-228	0.59	PCI/G	0.06			2.6	07/06/2005
SU6PRS6777	Thorium-230	0.83	PCI/G	0.03			2.8	07/06/2005
SU6PRS6777	Thorium-232	0.50	PCI/G	0.03			2.1	07/06/2005

U: not detected
J: estimated
CO: cleanup objective
DL: detection limit
LQ: lab qualifier
DQ: data qualifier
coord: coordinate

Table 6: Th-232 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS001	Thorium-232	1.28	PCI/G	0.03			2.1	03/15/2005
SU1FSS002	Thorium-232	0.68	PCI/G	0.03			2.1	03/14/2005
SU1FSS003	Thorium-232	0.56	PCI/G	0.03			2.1	03/14/2005
SU1FSS004	Thorium-232	0.84	PCI/G	0.02			2.1	03/15/2005
SU1FSS005	Thorium-232	0.81	PCI/G	0.03			2.1	03/14/2005
SU1FSS006	Thorium-232	0.73	PCI/G	0.02			2.1	03/14/2005
SU1FSS007	Thorium-232	1.04	PCI/G	0.03			2.1	03/14/2005
SU1FSS008	Thorium-232	0.28	PCI/G	0.03			2.1	03/14/2005
SU1FSS009	Thorium-232	0.44	PCI/G	0.03			2.1	03/14/2005
SU1FSS010	Thorium-232	0.53	PCI/G	0.02			2.1	03/14/2005
SU1FSS011	Thorium-232	0.80	PCI/G	0.02			2.1	03/14/2005
SU1FSS012	Thorium-232	0.70	PCI/G	0.04			2.1	03/14/2005
SU1FSS013	Thorium-232	0.64	PCI/G	0.04			2.1	03/14/2005
SU1FSS014	Thorium-232	1.09	PCI/G	0.03			2.1	03/14/2005
SU1FSS015	Thorium-232	0.31	PCI/G	0.03			2.1	03/14/2005
SU1FSS016	Thorium-232	0.69	PCI/G	0.05			2.1	03/14/2005
SU1FSS017	Thorium-232	0.71	PCI/G	0.03			2.1	03/15/2005
SU1FSS018	Thorium-232	1.01	PCI/G	0.02			2.1	03/14/2005
SU1FSS019	Thorium-232	0.57	PCI/G	0.02			2.1	03/14/2005
SU1FSS020	Thorium-232	0.77	PCI/G	0.02			2.1	03/14/2005
SU1FSS021	Thorium-232	0.71	PCI/G	0.03			2.1	03/15/2005
SU1FSS022	Thorium-232	0.73	PCI/G	0.03			2.1	03/14/2005
SU1FSS023	Thorium-232	0.82	PCI/G	0.03			2.1	03/17/2005
SU1FSS024	Thorium-232	0.53	PCI/G	0.02			2.1	03/14/2005
SU1FSS025	Thorium-232	0.73	PCI/G	0.03			2.1	03/14/2005
SU1FSS026	Thorium-232	0.91	PCI/G	0.05			2.1	03/14/2005
SU1FSS027	Thorium-232	0.73	PCI/G	0.05			2.1	03/14/2005
SU1FSS028	Thorium-232	0.49	PCI/G	0.03			2.1	03/14/2005
SU1FSS029	Thorium-232	0.94	PCI/G	0.02			2.1	03/15/2005
SU1FSS030	Thorium-232	0.72	PCI/G	0.04			2.1	03/14/2005
SU2FSS002	Thorium-232	0.94	PCI/G	0.03			2.1	03/15/2005
SU2FSS003	Thorium-232	0.89	PCI/G	0.03			2.1	03/15/2005
SU2FSS004	Thorium-232	0.49	PCI/G	0.02			2.1	03/15/2005
SU2FSS005	Thorium-232	0.63	PCI/G	0.02			2.1	03/15/2005
SU2FSS006	Thorium-232	0.43	PCI/G	0.04			2.1	03/15/2005
SU2FSS007	Thorium-232	0.76	PCI/G	0.03			2.1	03/15/2005
SU2FSS008	Thorium-232	0.60	PCI/G	0.02			2.1	03/15/2005
SU2FSS009	Thorium-232	0.81	PCI/G	0.04			2.1	03/15/2005
SU2FSS010	Thorium-232	0.70	PCI/G	0.02			2.1	03/15/2005
SU2FSS011	Thorium-232	0.74	PCI/G	0.03			2.1	03/15/2005
SU2FSS012	Thorium-232	0.66	PCI/G	0.02			2.1	03/15/2005
SU2FSS013	Thorium-232	0.58	PCI/G	0.03			2.1	03/15/2005
SU2FSS014	Thorium-232	0.73	PCI/G	0.04			2.1	03/15/2005
SU2FSS015	Thorium-232	0.48	PCI/G	0.04			2.1	03/15/2005
SU2FSS016	Thorium-232	0.22	PCI/G	0.02			2.1	03/15/2005
SU2FSS018	Thorium-232	0.29	PCI/G	0.04		J	2.1	03/16/2005
SU2FSS022	Thorium-232	0.75	PCI/G	0.03		J	2.1	03/15/2005
SU2FSS024	Thorium-232	0.16	PCI/G	0.04			2.1	03/16/2005
SU2FSS044	Thorium-232	0.66	PCI/G	0.02			2.1	03/15/2005
SU2FSS045	Thorium-232	1.09	PCI/G	0.02			2.1	03/14/2005
SU2FSS046	Thorium-232	0.40	PCI/G	0.03		J	2.1	03/15/2005
SU2FSS047	Thorium-232	0.60	PCI/G	0.04			2.1	03/14/2005
SU2FSS048	Thorium-232	0.83	PCI/G	0.03		J	2.1	03/15/2005
SU2FSS049	Thorium-232	1.10	PCI/G	0.01		J	2.1	03/14/2005
SU2FSS050	Thorium-232	0.73	PCI/G	0.02			2.1	03/14/2005
SU2FSS051	Thorium-232	0.99	PCI/G	0.03		J	2.1	03/15/2005
SU2FSS052	Thorium-232	0.89	PCI/G	0.03			2.1	03/14/2005
SU2FSS053	Thorium-232	1.46	PCI/G	0.02		J	2.1	03/15/2005
SU2FSS054	Thorium-232	0.85	PCI/G	0.02			2.1	03/14/2005
SU2FSS055	Thorium-232	0.26	PCI/G	0.02			2.1	03/14/2005
SU3FSS001	Thorium-232	0.29	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS002	Thorium-232	0.54	PCI/G	0.02		J	2.1	03/16/2005
SU3FSS003	Thorium-232	0.22	PCI/G	0.03			2.1	03/16/2005
SU3FSS004	Thorium-232	0.35	PCI/G	0.02			2.1	03/16/2005
SU3FSS005	Thorium-232	0.49	PCI/G	0.02			2.1	03/16/2005
SU3FSS006	Thorium-232	0.80	PCI/G	0.01			2.1	03/16/2005

Table 6: Th-232 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS007	Thorium-232	0.58	PCI/G	0.02			2.1	03/16/2005
SU3FSS008	Thorium-232	0.37	PCI/G	0.04			2.1	03/16/2005
SU3FSS009	Thorium-232	0.79	PCI/G	0.03			2.1	03/16/2005
SU3FSS010	Thorium-232	0.65	PCI/G	0.02			2.1	03/16/2005
SU3FSS011	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005
SU3FSS012	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005
SU3FSS015	Thorium-232	0.52	PCI/G	0.03			2.1	03/16/2005
SU3FSS016	Thorium-232	0.59	PCI/G	0.04			2.1	03/16/2005
SU3FSS017	Thorium-232	0.21	PCI/G	0.05	J	J	2.1	03/16/2005
SU3FSS018	Thorium-232	0.60	PCI/G	0.04			2.1	03/16/2005
SU3FSS019	Thorium-232	0.31	PCI/G	0.03			2.1	03/16/2005
SU3FSS026	Thorium-232	0.59	PCI/G	0.02		J	2.1	03/16/2005
SU3FSS027	Thorium-232	0.51	PCI/G	0.02		J	2.1	03/16/2005
SU3FSS028	Thorium-232	0.64	PCI/G	0.01			2.1	03/16/2005
SU3FSS029	Thorium-232	0.91	PCI/G	0.01		J	2.1	03/16/2005
SU3FSS030	Thorium-232	0.27	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS031	Thorium-232	0.40	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS032	Thorium-232	0.61	PCI/G	0.02		J	2.1	03/16/2005
SU3FSS040	Thorium-232	0.92	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS041	Thorium-232	0.89	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS042	Thorium-232	0.98	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS043	Thorium-232	0.81	PCI/G	0.03		J	2.1	03/15/2005
SU3FSS044	Thorium-232	0.37	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS045	Thorium-232	0.91	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS046	Thorium-232	0.72	PCI/G	0.03		J	2.1	03/15/2005
SU3FSS047	Thorium-232	0.55	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS048	Thorium-232	0.38	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS049	Thorium-232	0.33	PCI/G	0.02		J	2.1	03/15/2005
SU3FSS051	Thorium-232	0.65	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS052	Thorium-232	0.73	PCI/G	0.07		J	2.1	03/15/2005
SU3FSS055	Thorium-232	0.79	PCI/G	0.03		J	2.1	03/15/2005
SU3FSS063	Thorium-232	0.78	PCI/G	0.03		J	2.1	03/16/2005
SU3FSS064	Thorium-232	0.64	PCI/G	0.12		J	2.1	03/16/2005
SU3FSS065	Thorium-232	0.51	PCI/G	0.02			2.1	03/15/2005
SU3FSS068	Thorium-232	0.99	PCI/G	0.03			2.1	03/15/2005
SU3FSS069	Thorium-232	0.78	PCI/G	0.02			2.1	03/15/2005
SU3FSS077	Thorium-232	0.75	PCI/G	0.02			2.1	03/15/2005
SU3FSS078	Thorium-232	0.54	PCI/G	0.02			2.1	03/16/2005
SU3FSS079	Thorium-232	0.34	PCI/G	0.02			2.1	03/16/2005
SU3FSS084	Thorium-232	1.00	PCI/G	0.02			2.1	03/15/2005
SU3FSS085	Thorium-232	0.70	PCI/G	0.02			2.1	03/15/2005
SU3FSS086	Thorium-232	0.68	PCI/G	0.02			2.1	03/15/2005
SU3FSS087	Thorium-232	0.66	PCI/G	0.03			2.1	03/15/2005
SU3FSS089	Thorium-232	0.44	PCI/G	0.01			2.1	04/11/2005
SU3FSS090	Thorium-232	0.50	PCI/G	0.03			2.1	03/16/2005
SU4FSS024	Thorium-232	0.76	PCI/G	0.03			2.1	03/16/2005
SU4FSS025	Thorium-232	0.54	PCI/G	0.03			2.1	03/16/2005
SU4FSS026	Thorium-232	0.62	PCI/G	0.01			2.1	03/16/2005
SU4FSS027	Thorium-232	0.64	PCI/G	0.03			2.1	03/16/2005
SU4FSS028	Thorium-232	0.79	PCI/G	0.02			2.1	03/16/2005
SU4FSS029	Thorium-232	0.77	PCI/G	0.02			2.1	03/16/2005
SU4FSS030	Thorium-232	0.75	PCI/G	0.03		J	2.1	03/16/2005
SU4FSS036	Thorium-232	0.43	PCI/G	0.03		J	2.1	03/16/2005
SU4FSS037	Thorium-232	0.97	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS038	Thorium-232	0.49	PCI/G	0.04		J	2.1	03/16/2005
SU4FSS039	Thorium-232	0.26	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS040	Thorium-232	0.63	PCI/G	0.02		J	2.1	03/16/2005
SU4FSS041	Thorium-232	0.79	PCI/G	0.02		J	2.1	03/17/2005
SU4FSS042	Thorium-232	0.86	PCI/G	0.03			2.1	04/11/2005
SU4FSS043	Thorium-232	0.39	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS044	Thorium-232	0.49	PCI/G	0.11			2.1	03/16/2005
SU4FSS045	Thorium-232	0.23	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS046	Thorium-232	0.56	PCI/G	0.02			2.1	03/17/2005
SU4FSS047	Thorium-232	0.34	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS048	Thorium-232	1.38	PCI/G	0.04		J	2.1	03/16/2005
SU4FSS049	Thorium-232	0.59	PCI/G	0.11		J	2.1	03/16/2005

Table 6: Th-232 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS050	Thorium-232	0.72	PCI/G	0.04		J	2.1	03/16/2005
SU4FSS051	Thorium-232	0.57	PCI/G	0.05		J	2.1	03/16/2005
SU4FSS052	Thorium-232	1.03	PCI/G	0.03			2.1	04/11/2005
SU4FSS053	Thorium-232	0.91	PCI/G	0.09		J	2.1	03/16/2005
SU4FSS054	Thorium-232	0.45	PCI/G	0.03		J	2.1	03/17/2005
SU4FSS055	Thorium-232	0.52	PCI/G	0.02		J	2.1	03/17/2005
SU4FSS056	Thorium-232	0.46	PCI/G	0.03		J	2.1	03/16/2005
SU4FSS057	Thorium-232	0.75	PCI/G	0.03			2.1	03/17/2005
SU4FSS058	Thorium-232	0.92	PCI/G	0.03			2.1	03/16/2005
SU4FSS059	Thorium-232	0.56	PCI/G	0.03			2.1	03/16/2005
SU4FSS060	Thorium-232	0.61	PCI/G	0.04			2.1	03/17/2005
SU4FSS061	Thorium-232	0.70	PCI/G	0.03			2.1	03/17/2005
SU4FSS062	Thorium-232	0.94	PCI/G	0.03			2.1	03/17/2005
SU4FSS063	Thorium-232	1.14	PCI/G	0.02			2.1	03/17/2005
SU4FSS064	Thorium-232	0.54	PCI/G	0.01			2.1	03/17/2005
SU4FSS065	Thorium-232	0.85	PCI/G	0.03			2.1	03/17/2005
SU4FSS066	Thorium-232	1.43	PCI/G	0.03			2.1	03/17/2005
SU4FSS067	Thorium-232	1.19	PCI/G	0.03			2.1	03/17/2005
SU4FSS068	Thorium-232	0.81	PCI/G	0.02			2.1	04/11/2005
SU4FSS069	Thorium-232	0.52	PCI/G	0.01			2.1	03/17/2005
SU4FSS070	Thorium-232	0.62	PCI/G	0.02			2.1	03/17/2005
SU4FSS071	Thorium-232	1.04	PCI/G	0.02			2.1	03/17/2005
SU4FSS072	Thorium-232	0.78	PCI/G	0.01			2.1	03/17/2005
SU4FSS073	Thorium-232	0.63	PCI/G	0.03			2.1	03/17/2005
SU4FSS074	Thorium-232	0.79	PCI/G	0.07		J	2.1	03/17/2005
SU4FSS075	Thorium-232	0.63	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS076	Thorium-232	0.51	PCI/G	0.06		J	2.1	03/17/2005
SU4FSS077	Thorium-232	0.52	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS078	Thorium-232	0.35	PCI/G	0.05		J	2.1	03/17/2005
SU4FSS079	Thorium-232	1.09	PCI/G	0.03		J	2.1	03/17/2005
SU4FSS080	Thorium-232	0.82	PCI/G	0.04			2.1	03/17/2005
SU4FSS081	Thorium-232	0.87	PCI/G	0.07		J	2.1	03/17/2005
SU4FSS082	Thorium-232	0.73	PCI/G	0.08		J	2.1	03/17/2005
SU4FSS083	Thorium-232	0.67	PCI/G	0.06		J	2.1	03/17/2005
SU4FSS084	Thorium-232	0.92	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS085	Thorium-232	0.22	PCI/G	0.07		J	2.1	03/17/2005
SU4FSS086	Thorium-232	0.42	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS087	Thorium-232	0.37	PCI/G	0.02		J	2.1	03/17/2005
SU4FSS088	Thorium-232	0.63	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS089	Thorium-232	0.76	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS090	Thorium-232	0.34	PCI/G	0.04		J	2.1	03/17/2005
SU4FSS091	Thorium-232	0.70	PCI/G	0.05			2.1	03/17/2005
SU4FSS092	Thorium-232	0.29	PCI/G	0.08		J	2.1	03/17/2005
SU67SCR273	Thorium-232	1.08	PCI/G	0.03			2.1	07/12/2005
SU6PRS6701	Thorium-232	0.28	PCI/G	0.01			2.1	07/05/2005
SU6PRS6702	Thorium-232	0.49	PCI/G	0.03			2.1	07/05/2005
SU6PRS6703	Thorium-232	0.41	PCI/G	0.03			2.1	07/05/2005
SU6PRS6704	Thorium-232	0.67	PCI/G	0.02			2.1	07/05/2005
SU6PRS6705	Thorium-232	1.03	PCI/G	0.01			2.1	07/05/2005
SU6PRS6706	Thorium-232	0.47	PCI/G	0.02			2.1	07/05/2005
SU6PRS6707	Thorium-232	0.59	PCI/G	0.02			2.1	07/05/2005
SU6PRS6708	Thorium-232	0.52	PCI/G	0.01			2.1	07/05/2005
SU6PRS6709	Thorium-232	0.91	PCI/G	0.02			2.1	07/05/2005
SU6PRS6710	Thorium-232	0.78	PCI/G	0.02			2.1	07/05/2005
SU6PRS6711	Thorium-232	0.55	PCI/G	0.01			2.1	07/05/2005
SU6PRS6712	Thorium-232	0.72	PCI/G	0.02			2.1	07/05/2005
SU6PRS6713	Thorium-232	0.62	PCI/G	0.04			2.1	07/05/2005
SU6PRS6714	Thorium-232	0.62	PCI/G	0.02			2.1	07/05/2005
SU6PRS6715	Thorium-232	0.90	PCI/G	0.04			2.1	07/05/2005
SU6PRS6716	Thorium-232	0.79	PCI/G	0.03			2.1	07/05/2005
SU6PRS6717	Thorium-232	0.56	PCI/G	0.02			2.1	07/05/2005
SU6PRS6718	Thorium-232	0.48	PCI/G	0.02			2.1	07/05/2005
SU6PRS6719	Thorium-232	0.62	PCI/G	0.02			2.1	07/05/2005
SU6PRS6720	Thorium-232	1.20	PCI/G	0.03			2.1	07/05/2005
SU6PRS6721	Thorium-232	0.40	PCI/G	0.05			2.1	07/05/2005
SU6PRS6722	Thorium-232	0.45	PCI/G	0.03			2.1	07/05/2005

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Table 6: Th-232 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6723	Thorium-232	0.60	PCI/G	0.06			2.1	07/05/2005
SU6PRS6724	Thorium-232	0.61	PCI/G	0.03			2.1	07/05/2005
SU6PRS6725	Thorium-232	0.93	PCI/G	0.03			2.1	07/05/2005
SU6PRS6726	Thorium-232	0.88	PCI/G	0.03			2.1	07/05/2005
SU6PRS6727	Thorium-232	0.99	PCI/G	0.04			2.1	07/06/2005
SU6PRS6728	Thorium-232	0.86	PCI/G	0.04			2.1	07/05/2005
SU6PRS6729	Thorium-232	0.78	PCI/G	0.05			2.1	07/05/2005
SU6PRS6730	Thorium-232	0.55	PCI/G	0.02			2.1	07/05/2005
SU6PRS6731	Thorium-232	0.29	PCI/G	0.02			2.1	07/05/2005
SU6PRS6732	Thorium-232	0.25	PCI/G	0.03			2.1	07/05/2005
SU6PRS6733	Thorium-232	0.79	PCI/G	0.02			2.1	07/05/2005
SU6PRS6734	Thorium-232	0.32	PCI/G	0.03			2.1	07/05/2005
SU6PRS6735	Thorium-232	0.88	PCI/G	0.03			2.1	07/06/2005
SU6PRS6736	Thorium-232	0.77	PCI/G	0.06			2.1	07/05/2005
SU6PRS6737	Thorium-232	0.69	PCI/G	0.06			2.1	07/05/2005
SU6PRS6738	Thorium-232	0.72	PCI/G	0.07			2.1	07/05/2005
SU6PRS6739	Thorium-232	0.89	PCI/G	0.05			2.1	07/05/2005
SU6PRS6740	Thorium-232	0.96	PCI/G	0.08			2.1	07/05/2005
SU6PRS6741	Thorium-232	0.86	PCI/G	0.05			2.1	07/05/2005
SU6PRS6742	Thorium-232	1.00	PCI/G	0.01			2.1	07/05/2005
SU6PRS6743	Thorium-232	0.69	PCI/G	0.02			2.1	07/05/2005
SU6PRS6744	Thorium-232	0.23	PCI/G	0.04			2.1	07/05/2005
SU6PRS6745	Thorium-232	0.73	PCI/G	0.03			2.1	07/06/2005
SU6PRS6746	Thorium-232	0.40	PCI/G	0.02			2.1	07/05/2005
SU6PRS6747	Thorium-232	0.61	PCI/G	0.04			2.1	07/06/2005
SU6PRS6748	Thorium-232	0.86	PCI/G	0.02			2.1	07/06/2005
SU6PRS6749	Thorium-232	0.42	PCI/G	0.02			2.1	07/05/2005
SU6PRS6750	Thorium-232	0.68	PCI/G	0.02			2.1	07/06/2005
SU6PRS6751	Thorium-232	0.33	PCI/G	0.03			2.1	07/06/2005
SU6PRS6752	Thorium-232	0.45	PCI/G	0.02			2.1	07/06/2005
SU6PRS6753	Thorium-232	0.60	PCI/G	0.04			2.1	07/06/2005
SU6PRS6754	Thorium-232	0.53	PCI/G	0.04			2.1	07/06/2005
SU6PRS6755	Thorium-232	0.49	PCI/G	0.02			2.1	07/06/2005
SU6PRS6756	Thorium-232	1.04	PCI/G	0.02			2.1	07/06/2005
SU6PRS6757	Thorium-232	0.12	PCI/G	0.05		J	2.1	07/06/2005
SU6PRS6758	Thorium-232	0.39	PCI/G	0.03			2.1	07/06/2005
SU6PRS6759	Thorium-232	0.90	PCI/G	0.09		J	2.1	07/06/2005
SU6PRS6760	Thorium-232	0.95	PCI/G	0.02			2.1	07/06/2005
SU6PRS6761	Thorium-232	0.56	PCI/G	0.03			2.1	07/06/2005
SU6PRS6762	Thorium-232	0.95	PCI/G	0.03			2.1	07/06/2005
SU6PRS6763	Thorium-232	0.40	PCI/G	0.04			2.1	07/06/2005
SU6PRS6764	Thorium-232	0.92	PCI/G	0.05			2.1	07/06/2005
SU6PRS6765	Thorium-232	1.11	PCI/G	0.02			2.1	07/06/2005
SU6PRS6766	Thorium-232	1.19	PCI/G	0.03			2.1	07/06/2005
SU6PRS6767	Thorium-232	0.54	PCI/G	0.02			2.1	07/06/2005
SU6PRS6768	Thorium-232	0.83	PCI/G	0.02			2.1	07/06/2005
SU6PRS6769	Thorium-232	0.30	PCI/G	0.02			2.1	07/06/2005
SU6PRS6770	Thorium-232	0.72	PCI/G	0.05			2.1	07/06/2005
SU6PRS6771	Thorium-232	0.27	PCI/G	0.02			2.1	07/06/2005
SU6PRS6772	Thorium-232	0.33	PCI/G	0.09			2.1	07/06/2005
SU6PRS6773	Thorium-232	0.60	PCI/G	0.03			2.1	07/06/2005
SU6PRS6774	Thorium-232	0.43	PCI/G	0.05			2.1	07/06/2005
SU6PRS6775	Thorium-232	1.31	PCI/G	0.06			2.1	07/06/2005
SU6PRS6776	Thorium-232	0.50	PCI/G	0.03			2.1	07/06/2005
SU6PRS6777	Thorium-232	0.50	PCI/G	0.03			2.1	07/06/2005
	std dev.	0.25						

U: not detected
J: estimated
CO: cleanup objective
DL: detection limit
LQ: lab qualifier
DQ: data qualifier

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Table 7: Ra-226 Verification Results

(shaded results > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS001	Radium-226	2.44	PCI/G	0.99			2.9	03/15/2005
SU1FSS002	Radium-226	1.97	PCI/G	0.89			2.9	03/14/2005
SU1FSS003	Radium-226	1.42	PCI/G	0.96			2.9	03/14/2005
SU1FSS004	Radium-226	2.29	PCI/G	1.15			2.9	03/15/2005
SU1FSS005	Radium-226	1.20	PCI/G	0.92			2.9	03/14/2005
SU1FSS006	Radium-226	1.84	PCI/G	0.84			2.9	03/14/2005
SU1FSS007	Radium-226	2.08	PCI/G	0.99			2.9	03/14/2005
SU1FSS008	Radium-226	0.74	PCI/G	0.63			2.9	03/14/2005
SU1FSS009	Radium-226	1.54	PCI/G	0.69			2.9	03/14/2005
SU1FSS010	Radium-226	1.47	PCI/G	0.72			2.9	03/14/2005
SU1FSS011	Radium-226	1.93	PCI/G	0.78			2.9	03/14/2005
SU1FSS012	Radium-226	1.28	PCI/G	0.73			2.9	03/14/2005
SU1FSS013	Radium-226	2.03	PCI/G	0.68			2.9	03/14/2005
SU1FSS014	Radium-226	2.01	PCI/G	1.06			2.9	03/14/2005
SU1FSS015	Radium-226	0.90	PCI/G	0.60			2.9	03/14/2005
SU1FSS016	Radium-226	1.94	PCI/G	0.89			2.9	03/14/2005
SU1FSS017	Radium-226	2.43	PCI/G	1.27			2.9	03/15/2005
SU1FSS018	Radium-226	2.13	PCI/G	0.91			2.9	03/14/2005
SU1FSS019	Radium-226	1.89	PCI/G	0.73			2.9	03/14/2005
SU1FSS020	Radium-226	1.33	PCI/G	1.08			2.9	03/14/2005
SU1FSS021	Radium-226	1.69	PCI/G	0.65			2.9	03/15/2005
SU1FSS022	Radium-226	2.03	PCI/G	0.93			2.9	03/14/2005
SU1FSS023	Radium-226	1.04	PCI/G	0.88			2.9	03/17/2005
SU1FSS024	Radium-226	0.76	PCI/G	0.60			2.9	03/14/2005
SU1FSS025	Radium-226	2.06	PCI/G	0.85			2.9	03/14/2005
SU1FSS026	Radium-226	1.91	PCI/G	1.07			2.9	03/14/2005
SU1FSS027	Radium-226	1.77	PCI/G	0.77			2.9	03/14/2005
SU1FSS028	Radium-226	2.01	PCI/G	0.67			2.9	03/14/2005
SU1FSS029	Radium-226	1.42	PCI/G	0.78			2.9	03/15/2005
SU1FSS030	Radium-226	1.58	PCI/G	0.95			2.9	03/14/2005
SU1FSSB2	Radium-226	1.38	PCI/G	0.55			2.9	04/11/2005
SU2FSS002	Radium-226	2.80	PCI/G	0.56			2.9	03/15/2005
SU2FSS003	Radium-226	2.76	PCI/G	1.12			2.9	03/15/2005
SU2FSS004	Radium-226	1.77	PCI/G	0.90			2.9	03/15/2005
SU2FSS005	Radium-226	1.50	PCI/G	0.78			2.9	03/15/2005
SU2FSS006	Radium-226	1.18	PCI/G	0.75			2.9	03/15/2005
SU2FSS007	Radium-226	1.76	PCI/G	1.02			2.9	03/15/2005
SU2FSS008	Radium-226	1.51	PCI/G	0.74			2.9	03/15/2005
SU2FSS009	Radium-226	1.92	PCI/G	0.81			2.9	03/15/2005
SU2FSS010	Radium-226	1.90	PCI/G	0.81			2.9	03/15/2005
SU2FSS011	Radium-226	2.29	PCI/G	1.00			2.9	03/15/2005
SU2FSS012	Radium-226	1.84	PCI/G	0.81			2.9	03/15/2005
SU2FSS013	Radium-226	1.12	PCI/G	0.99			2.9	03/15/2005
SU2FSS014	Radium-226	1.47	PCI/G	0.88			2.9	03/15/2005
SU2FSS015	Radium-226	1.94	PCI/G	1.05			2.9	03/15/2005
SU2FSS016	Radium-226	0.89	PCI/G	0.70			2.9	03/15/2005
SU2FSS022	Radium-226	1.34	PCI/G	1.18			2.9	03/15/2005
SU2FSS024	Radium-226	0.93	PCI/G	0.55			2.9	03/16/2005
SU2FSS044	Radium-226	1.32	PCI/G	0.88			2.9	03/15/2005
SU2FSS045	Radium-226	2.71	PCI/G	1.06			2.9	03/14/2005
SU2FSS046	Radium-226	0.75	PCI/G	0.64			2.9	03/15/2005
SU2FSS047	Radium-226	0.74	PCI/G	0.74	U		2.9	03/14/2005
SU2FSS048	Radium-226	1.84	PCI/G	0.81			2.9	03/15/2005
SU2FSS049	Radium-226	2.50	PCI/G	1.13			2.9	03/14/2005
SU2FSS050	Radium-226	1.73	PCI/G	1.07			2.9	03/14/2005

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Table 7: Ra-226 Verification Results

(shaded results > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS051	Radium-226	1.03	PCI/G	0.77			2.9	03/15/2005
SU2FSS052	Radium-226	1.83	PCI/G	0.91			2.9	03/14/2005
SU2FSS053	Radium-226	2.18	PCI/G	0.99			2.9	03/15/2005
SU2FSS054	Radium-226	1.37	PCI/G	1.07			2.9	03/14/2005
SU2FSS055	Radium-226	0.58	PCI/G	0.52			2.9	03/14/2005
SU3FSS001	Radium-226	0.72	PCI/G	0.72	U		2.9	03/16/2005
SU3FSS002	Radium-226	1.21	PCI/G	0.88			2.9	03/16/2005
SU3FSS003	Radium-226	0.55	PCI/G	0.55	U		2.9	03/16/2005
SU3FSS004	Radium-226	0.96	PCI/G	0.67			2.9	03/16/2005
SU3FSS005	Radium-226	1.43	PCI/G	0.73			2.9	03/16/2005
SU3FSS007	Radium-226	1.28	PCI/G	0.72			2.9	03/16/2005
SU3FSS008	Radium-226	1.16	PCI/G	0.66			2.9	03/16/2005
SU3FSS009	Radium-226	1.01	PCI/G	1.01	U		2.9	03/16/2005
SU3FSS010	Radium-226	2.36	PCI/G	0.97			2.9	03/16/2005
SU3FSS011	Radium-226	0.97	PCI/G	0.94			2.9	03/16/2005
SU3FSS012	Radium-226	1.32	PCI/G	0.74			2.9	03/16/2005
SU3FSS015	Radium-226	1.32	PCI/G	0.77			2.9	03/16/2005
SU3FSS016	Radium-226	1.69	PCI/G	0.76			2.9	03/16/2005
SU3FSS017	Radium-226	0.82	PCI/G	0.71			2.9	03/16/2005
SU3FSS018	Radium-226	1.90	PCI/G	0.86			2.9	03/16/2005
SU3FSS019	Radium-226	1.46	PCI/G	0.93			2.9	03/16/2005
SU3FSS026	Radium-226	1.24	PCI/G	0.74			2.9	03/16/2005
SU3FSS027	Radium-226	1.28	PCI/G	0.69			2.9	03/16/2005
SU3FSS029	Radium-226	1.38	PCI/G	0.91			2.9	03/16/2005
SU3FSS030	Radium-226	1.12	PCI/G	0.56			2.9	03/16/2005
SU3FSS031	Radium-226	1.19	PCI/G	0.82			2.9	03/16/2005
SU3FSS032	Radium-226	1.69	PCI/G	0.79			2.9	03/16/2005
SU3FSS040	Radium-226	0.92	PCI/G	0.74			2.9	03/15/2005
SU3FSS041	Radium-226	1.96	PCI/G	0.81			2.9	03/15/2005
SU3FSS042	Radium-226	1.18	PCI/G	0.84			2.9	03/15/2005
SU3FSS043	Radium-226	2.10	PCI/G	0.83			2.9	03/15/2005
SU3FSS044	Radium-226	2.56	PCI/G	0.93			2.9	03/15/2005
SU3FSS045	Radium-226	2.75	PCI/G	1.27			2.9	03/15/2005
SU3FSS046	Radium-226	2.17	PCI/G	1.00			2.9	03/15/2005
SU3FSS047	Radium-226	1.53	PCI/G	1.05			2.9	03/15/2005
SU3FSS048	Radium-226	1.68	PCI/G	0.99			2.9	03/15/2005
SU3FSS049	Radium-226	1.23	PCI/G	0.81			2.9	03/15/2005
SU3FSS051	Radium-226	1.12	PCI/G	0.75			2.9	03/16/2005
SU3FSS052	Radium-226	1.39	PCI/G	1.08			2.9	03/15/2005
SU3FSS055	Radium-226	1.69	PCI/G	1.02			2.9	03/15/2005
SU3FSS063	Radium-226	1.36	PCI/G	0.81			2.9	03/16/2005
SU3FSS064	Radium-226	2.27	PCI/G	1.09			2.9	03/16/2005
SU3FSS065	Radium-226	1.97	PCI/G	0.79			2.9	03/15/2005
SU3FSS068	Radium-226	1.69	PCI/G	1.21			2.9	03/15/2005
SU3FSS069	Radium-226	1.75	PCI/G	1.14			2.9	03/15/2005
SU3FSS077	Radium-226	0.97	PCI/G	0.97	U		2.9	03/15/2005
SU3FSS078	Radium-226	1.45	PCI/G	0.88			2.9	03/16/2005
SU3FSS079	Radium-226	1.34	PCI/G	0.69			2.9	03/16/2005
SU3FSS084	Radium-226	1.45	PCI/G	0.85			2.9	03/15/2005
SU3FSS085	Radium-226	1.57	PCI/G	0.76			2.9	03/15/2005
SU3FSS086	Radium-226	1.12	PCI/G	0.75			2.9	03/15/2005
SU3FSS087	Radium-226	1.48	PCI/G	0.70			2.9	03/15/2005
SU3FSS089	Radium-226	1.80	PCI/G	0.75			2.9	04/11/2005
SU3FSS090	Radium-226	0.93	PCI/G	0.70			2.9	03/16/2005
SU4FSS024	Radium-226	1.26	PCI/G	1.26	U		2.9	03/16/2005

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Table 7: Ra-226 Verification Results

(shaded results > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS025	Radium-226	2.23	PCI/G	0.96			2.9	03/16/2005
SU4FSS026	Radium-226	2.69	PCI/G	1.27			2.9	03/16/2005
SU4FSS027	Radium-226	2.15	PCI/G	1.19			2.9	03/16/2005
SU4FSS028	Radium-226	3.00	PCI/G	1.10			2.9	03/16/2005
SU4FSS029	Radium-226	2.30	PCI/G	1.19			2.9	03/16/2005
SU4FSS030	Radium-226	2.56	PCI/G	1.02			2.9	03/16/2005
SU4FSS036	Radium-226	0.85	PCI/G	0.53			2.9	03/16/2005
SU4FSS037	Radium-226	2.06	PCI/G	0.93			2.9	03/17/2005
SU4FSS038	Radium-226	1.05	PCI/G	0.58			2.9	03/16/2005
SU4FSS039	Radium-226	1.19	PCI/G	0.48			2.9	03/17/2005
SU4FSS040	Radium-226	2.31	PCI/G	1.13			2.9	03/16/2005
SU4FSS041	Radium-226	2.06	PCI/G	1.14			2.9	03/17/2005
SU4FSS042	Radium-226	1.90	PCI/G	0.82			2.9	04/11/2005
SU4FSS043	Radium-226	2.86	PCI/G	0.85			2.9	03/17/2005
SU4FSS044	Radium-226	1.21	PCI/G	0.63			2.9	03/16/2005
SU4FSS045	Radium-226	0.63	PCI/G	0.63	U		2.9	03/17/2005
SU4FSS046	Radium-226	1.44	PCI/G	0.73			2.9	03/17/2005
SU4FSS047	Radium-226	1.73	PCI/G	0.63			2.9	03/17/2005
SU4FSS048	Radium-226	2.10	PCI/G	0.85			2.9	03/16/2005
SU4FSS049	Radium-226	0.98	PCI/G	0.75			2.9	03/16/2005
SU4FSS050	Radium-226	1.62	PCI/G	0.74			2.9	03/16/2005
SU4FSS051	Radium-226	1.22	PCI/G	0.73			2.9	03/16/2005
SU4FSS052	Radium-226	1.36	PCI/G	1.08			2.9	04/11/2005
SU4FSS053	Radium-226	1.22	PCI/G	0.70			2.9	03/16/2005
SU4FSS054	Radium-226	1.69	PCI/G	0.73			2.9	03/17/2005
SU4FSS055	Radium-226	0.81	PCI/G	0.63			2.9	03/17/2005
SU4FSS056	Radium-226	2.05	PCI/G	0.59			2.9	03/16/2005
SU4FSS057	Radium-226	0.93	PCI/G	0.62			2.9	03/17/2005
SU4FSS058	Radium-226	1.79	PCI/G	0.89			2.9	03/16/2005
SU4FSS059	Radium-226	1.19	PCI/G	0.72			2.9	03/16/2005
SU4FSS060	Radium-226	1.49	PCI/G	0.70			2.9	03/17/2005
SU4FSS061	Radium-226	1.02	PCI/G	0.76			2.9	03/17/2005
SU4FSS062	Radium-226	1.56	PCI/G	1.10			2.9	03/17/2005
SU4FSS063	Radium-226	1.25	PCI/G	0.79			2.9	03/17/2005
SU4FSS064	Radium-226	2.36	PCI/G	0.84			2.9	03/17/2005
SU4FSS065	Radium-226	1.31	PCI/G	0.82			2.9	03/17/2005
SU4FSS066	Radium-226	3.90	PCI/G	1.63			2.9	03/17/2005
SU4FSS067	Radium-226	3.91	PCI/G	1.78			2.9	03/17/2005
SU4FSS068	Radium-226	1.06	PCI/G	0.84			2.9	04/11/2005
SU4FSS069	Radium-226	0.92	PCI/G	0.72			2.9	03/17/2005
SU4FSS070	Radium-226	1.45	PCI/G	0.66			2.9	03/17/2005
SU4FSS071	Radium-226	1.20	PCI/G	0.88			2.9	03/17/2005
SU4FSS072	Radium-226	1.33	PCI/G	0.77			2.9	03/17/2005
SU4FSS073	Radium-226	1.52	PCI/G	0.82			2.9	03/17/2005
SU4FSS074	Radium-226	2.27	PCI/G	1.16			2.9	03/17/2005
SU4FSS075	Radium-226	1.11	PCI/G	0.77			2.9	03/17/2005
SU4FSS076	Radium-226	1.68	PCI/G	0.83			2.9	03/17/2005
SU4FSS077	Radium-226	2.39	PCI/G	0.78			2.9	03/17/2005
SU4FSS078	Radium-226	1.29	PCI/G	0.70			2.9	03/17/2005
SU4FSS079	Radium-226	1.32	PCI/G	0.94			2.9	03/17/2005
SU4FSS080	Radium-226	0.98	PCI/G	0.75			2.9	03/17/2005
SU4FSS081	Radium-226	0.86	PCI/G	0.64			2.9	03/17/2005
SU4FSS082	Radium-226	1.26	PCI/G	0.79			2.9	03/17/2005
SU4FSS083	Radium-226	2.30	PCI/G	0.81			2.9	03/17/2005
SU4FSS084	Radium-226	1.47	PCI/G	0.76			2.9	03/17/2005

Table 7: Ra-226 Verification Results

(shaded results > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS085	Radium-226	0.87	PCI/G	0.49			2.9	03/17/2005
SU4FSS086	Radium-226	1.10	PCI/G	0.52			2.9	03/17/2005
SU4FSS087	Radium-226	1.49	PCI/G	0.85			2.9	03/17/2005
SU4FSS088	Radium-226	1.84	PCI/G	0.72			2.9	03/17/2005
SU4FSS089	Radium-226	1.41	PCI/G	0.67			2.9	03/17/2005
SU4FSS090	Radium-226	0.57	PCI/G	0.57	U		2.9	03/17/2005
SU4FSS091	Radium-226	1.74	PCI/G	0.92			2.9	03/17/2005
SU4FSS092	Radium-226	1.66	PCI/G	0.57			2.9	03/17/2005
	STD DEV.	0.59						

U: not detected
J: estimated
CO: cleanup objective
DL: detection limit
LQ: lab qualifier
DQ: data qualifier

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Table 8: Pu-238 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS001	Plutonium-238	11.20	PCI/G	0.06			55	03/15/2005
SU1FSS002	Plutonium-238	0.94	PCI/G	0.03			55	03/14/2005
SU1FSS003	Plutonium-238	9.40	PCI/G	0.05			55	03/14/2005
SU1FSS004	Plutonium-238	6.36	PCI/G	0.05			55	03/15/2005
SU1FSS005	Plutonium-238	4.78	PCI/G	0.08			55	03/14/2005
SU1FSS006	Plutonium-238	4.67	PCI/G	0.06			55	03/14/2005
SU1FSS007	Plutonium-238	0.39	PCI/G	0.07			55	03/14/2005
SU1FSS008	Plutonium-238	0.48	PCI/G	0.04			55	03/14/2005
SU1FSS009	Plutonium-238	6.46	PCI/G	0.04			55	03/14/2005
SU1FSS010	Plutonium-238	0.04	PCI/G	0.04	U	U	55	03/14/2005
SU1FSS011	Plutonium-238	5.88	PCI/G	0.04			55	03/14/2005
SU1FSS012	Plutonium-238	16.20	PCI/G	0.05			55	03/14/2005
SU1FSS013	Plutonium-238	0.25	PCI/G	0.04			55	03/14/2005
SU1FSS014	Plutonium-238	0.17	PCI/G	0.03			55	03/14/2005
SU1FSS015	Plutonium-238	1.14	PCI/G	0.04			55	03/14/2005
SU1FSS016	Plutonium-238	1.00	PCI/G	0.04			55	03/14/2005
SU1FSS017	Plutonium-238	0.60	PCI/G	0.04			55	03/15/2005
SU1FSS018	Plutonium-238	3.15	PCI/G	0.04			55	03/14/2005
SU1FSS019	Plutonium-238	0.20	PCI/G	0.04			55	03/14/2005
SU1FSS020	Plutonium-238	0.78	PCI/G	0.05			55	03/14/2005
SU1FSS021	Plutonium-238	1.29	PCI/G	0.03			55	03/15/2005
SU1FSS022	Plutonium-238	1.06	PCI/G	0.05			55	03/14/2005
SU1FSS023	Plutonium-238	0.79	PCI/G	0.03			55	03/17/2005
SU1FSS024	Plutonium-238	8.10	PCI/G	0.07			55	03/14/2005
SU1FSS025	Plutonium-238	0.60	PCI/G	0.03			55	03/14/2005
SU1FSS026	Plutonium-238	4.98	PCI/G	0.05			55	03/14/2005
SU1FSS027	Plutonium-238	0.65	PCI/G	0.10			55	03/14/2005
SU1FSS028	Plutonium-238	0.96	PCI/G	0.07			55	03/14/2005
SU1FSS029	Plutonium-238	0.84	PCI/G	0.03			55	03/15/2005
SU1FSS030	Plutonium-238	1.64	PCI/G	0.08			55	03/14/2005
SU2FSS002	Plutonium-238	1.76	PCI/G	0.07			55	03/15/2005
SU2FSS003	Plutonium-238	0.62	PCI/G	0.04			55	03/15/2005
SU2FSS004	Plutonium-238	0.76	PCI/G	0.03			55	03/15/2005
SU2FSS005	Plutonium-238	0.24	PCI/G	0.06			55	03/15/2005
SU2FSS006	Plutonium-238	4.98	PCI/G	0.10			55	03/15/2005
SU2FSS007	Plutonium-238	21.80	PCI/G	0.07			55	03/15/2005
SU2FSS008	Plutonium-238	14.90	PCI/G	0.07			55	03/15/2005
SU2FSS009	Plutonium-238	7.30	PCI/G	0.05			55	03/15/2005
SU2FSS010	Plutonium-238	0.77	PCI/G	0.04			55	03/15/2005
SU2FSS011	Plutonium-238	2.56	PCI/G	0.05			55	03/15/2005
SU2FSS012	Plutonium-238	10.00	PCI/G	0.05			55	03/15/2005
SU2FSS013	Plutonium-238	7.93	PCI/G	0.04			55	03/15/2005
SU2FSS014	Plutonium-238	14.20	PCI/G	0.05			55	03/15/2005
SU2FSS015	Plutonium-238	6.19	PCI/G	0.05			55	03/15/2005
SU2FSS016	Plutonium-238	4.17	PCI/G	0.05			55	03/15/2005
SU2FSS018	Plutonium-238	2.68	PCI/G	0.04		J	55	03/16/2005
SU2FSS022	Plutonium-238	91.00	PCI/G	0.03		J	55	03/15/2005
SU2FSS024	Plutonium-238	0.39	PCI/G	0.04			55	03/16/2005
SU2FSS044	Plutonium-238	5.78	PCI/G	0.03			55	03/15/2005
SU2FSS045	Plutonium-238	19.00	PCI/G	0.04			55	03/14/2005
SU2FSS046	Plutonium-238	5.45	PCI/G	0.04		J	55	03/15/2005
SU2FSS047	Plutonium-238	13.90	PCI/G	0.05			55	03/14/2005
SU2FSS048	Plutonium-238	7.83	PCI/G	0.03		J	55	03/15/2005
SU2FSS049	Plutonium-238	8.10	PCI/G	0.04		J	55	03/14/2005

Table 8: Pu-238 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS050	Plutonium-238	1.93	PCI/G	0.07			55	03/14/2005
SU2FSS051	Plutonium-238	33.30	PCI/G	0.04		J	55	03/15/2005
SU2FSS052	Plutonium-238	14.30	PCI/G	0.06			55	03/14/2005
SU2FSS053	Plutonium-238	13.80	PCI/G	0.04		J	55	03/15/2005
SU2FSS054	Plutonium-238	1.81	PCI/G	0.06			55	03/14/2005
SU2FSS055	Plutonium-238	5.41	PCI/G	0.05			55	03/14/2005
SU3FSS001	Plutonium-238	1.46	PCI/G	0.03		J	55	03/16/2005
SU3FSS002	Plutonium-238	0.09	PCI/G	0.04	J	J	55	03/16/2005
SU3FSS003	Plutonium-238	0.47	PCI/G	0.04			55	03/16/2005
SU3FSS004	Plutonium-238	4.61	PCI/G	0.05			55	03/16/2005
SU3FSS005	Plutonium-238	16.90	PCI/G	0.09			55	03/16/2005
SU3FSS006	Plutonium-238	42.20	PCI/G	0.02			55	03/16/2005
SU3FSS007	Plutonium-238	0.41	PCI/G	0.06			55	03/16/2005
SU3FSS008	Plutonium-238	1.69	PCI/G	0.10			55	03/16/2005
SU3FSS009	Plutonium-238	0.64	PCI/G	0.04			55	03/16/2005
SU3FSS010	Plutonium-238	0.32	PCI/G	0.04			55	03/16/2005
SU3FSS011	Plutonium-238	6.60	PCI/G	0.07			55	03/16/2005
SU3FSS012	Plutonium-238	14.50	PCI/G	0.04			55	03/16/2005
SU3FSS015	Plutonium-238	0.80	PCI/G	0.04			55	03/16/2005
SU3FSS016	Plutonium-238	2.20	PCI/G	0.04			55	03/16/2005
SU3FSS017	Plutonium-238	0.15	PCI/G	0.05			55	03/16/2005
SU3FSS018	Plutonium-238	1.63	PCI/G	0.05			55	03/16/2005
SU3FSS019	Plutonium-238	2.88	PCI/G	0.04			55	03/16/2005
SU3FSS026	Plutonium-238	6.75	PCI/G	0.04			55	03/16/2005
SU3FSS027	Plutonium-238	0.04	PCI/G	0.03	J	J	55	03/16/2005
SU3FSS028	Plutonium-238	0.54	PCI/G	0.05			55	03/16/2005
SU3FSS029	Plutonium-238	0.35	PCI/G	0.03			55	03/16/2005
SU3FSS030	Plutonium-238	0.65	PCI/G	0.04			55	03/16/2005
SU3FSS031	Plutonium-238	2.13	PCI/G	0.06			55	03/16/2005
SU3FSS032	Plutonium-238	0.80	PCI/G	0.06			55	03/16/2005
SU3FSS040	Plutonium-238	12.70	PCI/G	0.03			55	03/15/2005
SU3FSS041	Plutonium-238	18.40	PCI/G	0.04			55	03/15/2005
SU3FSS042	Plutonium-238	0.95	PCI/G	0.04			55	03/15/2005
SU3FSS043	Plutonium-238	0.33	PCI/G	0.05			55	03/15/2005
SU3FSS044	Plutonium-238	0.33	PCI/G	0.05			55	03/15/2005
SU3FSS045	Plutonium-238	0.36	PCI/G	0.04			55	03/15/2005
SU3FSS046	Plutonium-238	0.16	PCI/G	0.04			55	03/15/2005
SU3FSS047	Plutonium-238	0.13	PCI/G	0.04			55	03/15/2005
SU3FSS048	Plutonium-238	0.21	PCI/G	0.04			55	03/15/2005
SU3FSS049	Plutonium-238	2.27	PCI/G	0.04			55	03/15/2005
SU3FSS051	Plutonium-238	13.20	PCI/G	0.04			55	03/16/2005
SU3FSS052	Plutonium-238	6.16	PCI/G	0.04			55	03/15/2005
SU3FSS055	Plutonium-238	24.30	PCI/G	0.03			55	03/15/2005
SU3FSS063	Plutonium-238	17.50	PCI/G	0.03			55	03/16/2005
SU3FSS064	Plutonium-238	0.63	PCI/G	0.03			55	03/16/2005
SU3FSS065	Plutonium-238	0.11	PCI/G	0.04		J	55	03/15/2005
SU3FSS068	Plutonium-238	1.03	PCI/G	0.04		J	55	03/15/2005
SU3FSS069	Plutonium-238	0.60	PCI/G	0.04		J	55	03/15/2005
SU3FSS077	Plutonium-238	39.30	PCI/G	0.04		J	55	03/15/2005
SU3FSS078	Plutonium-238	13.50	PCI/G	0.03		J	55	03/16/2005
SU3FSS079	Plutonium-238	7.85	PCI/G	0.03		J	55	03/16/2005
SU3FSS084	Plutonium-238	1.39	PCI/G	0.05			55	03/15/2005
SU3FSS085	Plutonium-238	0.45	PCI/G	0.04			55	03/15/2005
SU3FSS086	Plutonium-238	1.40	PCI/G	0.04			55	03/15/2005

Table 8: Pu-238 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS087	Plutonium-238	1.99	PCI/G	0.04			55	03/15/2005
SU3FSS089	Plutonium-238	2.56	PCI/G	0.02			55	04/11/2005
SU3FSS090	Plutonium-238	0.28	PCI/G	0.05			55	03/16/2005
SU4FSS024	Plutonium-238	4.08	PCI/G	0.04			55	03/16/2005
SU4FSS025	Plutonium-238	6.69	PCI/G	0.05			55	03/16/2005
SU4FSS026	Plutonium-238	1.03	PCI/G	0.03			55	03/16/2005
SU4FSS027	Plutonium-238	0.93	PCI/G	0.04			55	03/16/2005
SU4FSS028	Plutonium-238	0.97	PCI/G	0.05			55	03/16/2005
SU4FSS029	Plutonium-238	3.98	PCI/G	0.07			55	03/16/2005
SU4FSS030	Plutonium-238	0.57	PCI/G	0.14			55	03/16/2005
SU4FSS036	Plutonium-238	14.80	PCI/G	0.05			55	03/16/2005
SU4FSS037	Plutonium-238	2.70	PCI/G	0.09			55	03/17/2005
SU4FSS038	Plutonium-238	13.90	PCI/G	0.07			55	03/16/2005
SU4FSS039	Plutonium-238	12.90	PCI/G	0.07			55	03/17/2005
SU4FSS040	Plutonium-238	1.22	PCI/G	0.04			55	03/16/2005
SU4FSS041	Plutonium-238	82.30	PCI/G	0.05			55	03/17/2005
SU4FSS042	Plutonium-238	1.49	PCI/G	0.02			55	04/11/2005
SU4FSS043	Plutonium-238	2.23	PCI/G	0.04			55	03/17/2005
SU4FSS044	Plutonium-238	30.60	PCI/G	0.04			55	03/16/2005
SU4FSS045	Plutonium-238	14.50	PCI/G	0.04			55	03/17/2005
SU4FSS046	Plutonium-238	0.04	PCI/G	0.04	U	U	55	03/17/2005
SU4FSS047	Plutonium-238	0.14	PCI/G	0.07		J	55	03/17/2005
SU4FSS048	Plutonium-238	1.02	PCI/G	0.04			55	03/16/2005
SU4FSS049	Plutonium-238	3.42	PCI/G	0.04			55	03/16/2005
SU4FSS050	Plutonium-238	67.60	PCI/G	0.03			55	03/16/2005
SU4FSS051	Plutonium-238	1.55	PCI/G	0.04			55	03/16/2005
SU4FSS052	Plutonium-238	9.37	PCI/G	0.03			55	04/11/2005
SU4FSS053	Plutonium-238	2.96	PCI/G	0.05			55	03/16/2005
SU4FSS054	Plutonium-238	3.33	PCI/G	0.04			55	03/17/2005
SU4FSS055	Plutonium-238	35.80	PCI/G	0.05			55	03/17/2005
SU4FSS056	Plutonium-238	3.23	PCI/G	0.05			55	03/16/2005
SU4FSS057	Plutonium-238	0.26	PCI/G	0.03			55	03/17/2005
SU4FSS058	Plutonium-238	0.23	PCI/G	0.04			55	03/16/2005
SU4FSS059	Plutonium-238	0.93	PCI/G	0.09			55	03/16/2005
SU4FSS060	Plutonium-238	32.10	PCI/G	0.07			55	03/17/2005
SU4FSS061	Plutonium-238	11.40	PCI/G	0.06			55	03/17/2005
SU4FSS062	Plutonium-238	20.80	PCI/G	0.04			55	03/17/2005
SU4FSS063	Plutonium-238	0.79	PCI/G	0.04			55	03/17/2005
SU4FSS064	Plutonium-238	0.14	PCI/G	0.04			55	03/17/2005
SU4FSS065	Plutonium-238	24.30	PCI/G	0.04			55	03/17/2005
SU4FSS066	Plutonium-238	44.90	PCI/G	0.04			55	03/17/2005
SU4FSS067	Plutonium-238	37.20	PCI/G	0.04			55	03/17/2005
SU4FSS068	Plutonium-238	17.30	PCI/G	0.02			55	04/11/2005
SU4FSS069	Plutonium-238	1.07	PCI/G	0.03			55	03/17/2005
SU4FSS070	Plutonium-238	0.28	PCI/G	0.04			55	03/17/2005
SU4FSS071	Plutonium-238	1.02	PCI/G	0.03			55	03/17/2005
SU4FSS072	Plutonium-238	8.90	PCI/G	0.04			55	03/17/2005
SU4FSS073	Plutonium-238	24.80	PCI/G	0.04			55	03/17/2005
SU4FSS074	Plutonium-238	25.60	PCI/G	0.03			55	03/17/2005
SU4FSS075	Plutonium-238	39.60	PCI/G	0.04			55	03/17/2005
SU4FSS076	Plutonium-238	2.07	PCI/G	0.04			55	03/17/2005
SU4FSS077	Plutonium-238	0.10	PCI/G	0.05		J	55	03/17/2005
SU4FSS078	Plutonium-238	0.34	PCI/G	0.05			55	03/17/2005
SU4FSS079	Plutonium-238	17.00	PCI/G	0.04			55	03/17/2005

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Table 8: Pu-238 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS080	Plutonium-238	3.52	PCI/G	0.04			55	03/17/2005
SU4FSS081	Plutonium-238	0.32	PCI/G	0.04			55	03/17/2005
SU4FSS082	Plutonium-238	0.28	PCI/G	0.05			55	03/17/2005
SU4FSS083	Plutonium-238	3.07	PCI/G	0.05			55	03/17/2005
SU4FSS084	Plutonium-238	3.86	PCI/G	0.06			55	03/17/2005
SU4FSS085	Plutonium-238	10.30	PCI/G	0.06			55	03/17/2005
SU4FSS086	Plutonium-238	11.20	PCI/G	0.04			55	03/17/2005
SU4FSS087	Plutonium-238	3.01	PCI/G	0.04			55	03/17/2005
SU4FSS088	Plutonium-238	0.21	PCI/G	0.04			55	03/17/2005
SU4FSS089	Plutonium-238	5.95	PCI/G	0.04			55	03/17/2005
SU4FSS090	Plutonium-238	10.80	PCI/G	0.04			55	03/17/2005
SU4FSS091	Plutonium-238	3.61	PCI/G	0.03			55	03/17/2005
SU4FSS092	Plutonium-238	0.51	PCI/G	0.07			55	03/17/2005
SU67SCR273	Plutonium-238	0.20	PCI/G	0.05		J	55	07/12/2005
SU6PRS6701	Plutonium-238	32.10	PCI/G	0.04			55	07/05/2005
SU6PRS6702	Plutonium-238	27.90	PCI/G	0.04			55	07/05/2005
SU6PRS6703	Plutonium-238	39.50	PCI/G	0.05			55	07/05/2005
SU6PRS6704	Plutonium-238	2.57	PCI/G	0.07			55	07/05/2005
SU6PRS6705	Plutonium-238	31.40	PCI/G	0.05			55	07/05/2005
SU6PRS6706	Plutonium-238	39.40	PCI/G	0.04			55	07/05/2005
SU6PRS6707	Plutonium-238	15.20	PCI/G	0.03			55	07/05/2005
SU6PRS6708	Plutonium-238	20.00	PCI/G	0.03			55	07/05/2005
SU6PRS6709	Plutonium-238	5.23	PCI/G	0.04			55	07/05/2005
SU6PRS6710	Plutonium-238	17.90	PCI/G	0.04			55	07/05/2005
SU6PRS6711	Plutonium-238	10.20	PCI/G	0.03			55	07/05/2005
SU6PRS6712	Plutonium-238	2.07	PCI/G	0.04			55	07/05/2005
SU6PRS6713	Plutonium-238	1.88	PCI/G	0.03			55	07/05/2005
SU6PRS6714	Plutonium-238	5.19	PCI/G	0.04			55	07/05/2005
SU6PRS6715	Plutonium-238	21.10	PCI/G	0.03			55	07/05/2005
SU6PRS6716	Plutonium-238	24.10	PCI/G	0.03			55	07/05/2005
SU6PRS6717	Plutonium-238	24.20	PCI/G	0.03			55	07/05/2005
SU6PRS6718	Plutonium-238	20.00	PCI/G	0.03			55	07/05/2005
SU6PRS6719	Plutonium-238	47.00	PCI/G	0.03			55	07/05/2005
SU6PRS6720	Plutonium-238	28.80	PCI/G	0.04			55	08/02/2005
SU6PRS6721	Plutonium-238	10.50	PCI/G	0.03			55	07/05/2005
SU6PRS6722	Plutonium-238	0.01	PCI/G	0.03	U	UJ	55	07/05/2005
SU6PRS6723	Plutonium-238	0.07	PCI/G	0.04	J	J	55	07/05/2005
SU6PRS6724	Plutonium-238	4.94	PCI/G	0.04			55	07/05/2005
SU6PRS6725	Plutonium-238	0.07	PCI/G	0.04	J	J	55	07/05/2005
SU6PRS6726	Plutonium-238	1.23	PCI/G	0.03			55	07/05/2005
SU6PRS6727	Plutonium-238	1.38	PCI/G	0.03			55	07/06/2005
SU6PRS6728	Plutonium-238	10.30	PCI/G	0.03			55	07/05/2005
SU6PRS6729	Plutonium-238	27.20	PCI/G	0.04			55	07/05/2005
SU6PRS6730	Plutonium-238	29.30	PCI/G	0.05			55	07/05/2005
SU6PRS6731	Plutonium-238	17.60	PCI/G	0.03			55	07/05/2005
SU6PRS6732	Plutonium-238	31.60	PCI/G	0.03			55	07/05/2005
SU6PRS6733	Plutonium-238	157.00	PCI/G	0.02			55	07/05/2005
SU6PRS6734	Plutonium-238	2.92	PCI/G	0.04			55	07/05/2005
SU6PRS6735	Plutonium-238	0.13	PCI/G	0.03			55	07/06/2005
SU6PRS6736	Plutonium-238	0.51	PCI/G	0.03			55	07/05/2005
SU6PRS6737	Plutonium-238	3.97	PCI/G	0.02			55	07/05/2005
SU6PRS6738	Plutonium-238	4.99	PCI/G	0.02			55	07/05/2005
SU6PRS6739	Plutonium-238	1.16	PCI/G	0.03			55	07/05/2005
SU6PRS6740	Plutonium-238	2.86	PCI/G	0.03			55	07/05/2005

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Table 8: Pu-238 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6741	Plutonium-238	9.40	PCI/G	0.02			55	07/05/2005
SU6PRS6742	Plutonium-238	7.85	PCI/G	0.02			55	07/05/2005
SU6PRS6743	Plutonium-238	37.40	PCI/G	0.02			55	07/05/2005
SU6PRS6744	Plutonium-238	1.22	PCI/G	0.03			55	07/05/2005
SU6PRS6745	Plutonium-238	0.43	PCI/G	0.04			55	07/06/2005
SU6PRS6746	Plutonium-238	2.00	PCI/G	0.04			55	07/05/2005
SU6PRS6747	Plutonium-238	22.10	PCI/G	0.04			55	07/06/2005
SU6PRS6748	Plutonium-238	2.71	PCI/G	0.04			55	07/06/2005
SU6PRS6749	Plutonium-238	4.44	PCI/G	0.03			55	07/05/2005
SU6PRS6750	Plutonium-238	18.00	PCI/G	0.03			55	07/06/2005
SU6PRS6751	Plutonium-238	3.42	PCI/G	0.04			55	07/06/2005
SU6PRS6752	Plutonium-238	9.48	PCI/G	0.03			55	07/06/2005
SU6PRS6753	Plutonium-238	7.62	PCI/G	0.05			55	07/06/2005
SU6PRS6754	Plutonium-238	3.07	PCI/G	0.06			55	07/06/2005
SU6PRS6755	Plutonium-238	19.50	PCI/G	0.03			55	07/06/2005
SU6PRS6756	Plutonium-238	5.19	PCI/G	0.04			55	07/06/2005
SU6PRS6757	Plutonium-238	0.40	PCI/G	0.04			55	07/06/2005
SU6PRS6758	Plutonium-238	11.50	PCI/G	0.03			55	07/06/2005
SU6PRS6759	Plutonium-238	22.30	PCI/G	0.03			55	07/06/2005
SU6PRS6760	Plutonium-238	34.80	PCI/G	0.03			55	07/06/2005
SU6PRS6761	Plutonium-238	8.51	PCI/G	0.04			55	07/06/2005
SU6PRS6762	Plutonium-238	6.22	PCI/G	0.05			55	07/06/2005
SU6PRS6763	Plutonium-238	13.80	PCI/G	0.04			55	07/06/2005
SU6PRS6764	Plutonium-238	25.70	PCI/G	0.03			55	07/06/2005
SU6PRS6765	Plutonium-238	3.21	PCI/G	0.04			55	07/06/2005
SU6PRS6766	Plutonium-238	0.68	PCI/G	0.04			55	07/06/2005
SU6PRS6767	Plutonium-238	6.37	PCI/G	0.03			55	07/06/2005
SU6PRS6768	Plutonium-238	8.60	PCI/G	0.03			55	07/06/2005
SU6PRS6769	Plutonium-238	1.32	PCI/G	0.03			55	07/06/2005
SU6PRS6770	Plutonium-238	22.10	PCI/G	0.05			55	07/06/2005
SU6PRS6771	Plutonium-238	6.78	PCI/G	0.07			55	07/06/2005
SU6PRS6772	Plutonium-238	12.30	PCI/G	0.03			55	07/06/2005
SU6PRS6773	Plutonium-238	16.00	PCI/G	0.03			55	07/06/2005
SU6PRS6774	Plutonium-238	0.75	PCI/G	0.03			55	07/06/2005
SU6PRS6775	Plutonium-238	0.46	PCI/G	0.03			55	07/06/2005
SU6PRS6776	Plutonium-238	8.21	PCI/G	0.03			55	07/06/2005
SU6PRS6777	Plutonium-238	11.70	PCI/G	0.03			55	07/06/2005
	STD DEV	16.07						

U: not detected
J: estimated
CO: cleanup objective
DL: detection limit
LQ: lab qualifier
DQ: data qualifier

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Table 9: Th-230 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS001	Thorium-230	1.18	PCI/G	0.03			2.8	03/15/2005
SU1FSS002	Thorium-230	0.75	PCI/G	0.04			2.8	03/14/2005
SU1FSS003	Thorium-230	0.82	PCI/G	0.03			2.8	03/14/2005
SU1FSS004	Thorium-230	0.94	PCI/G	0.02			2.8	03/15/2005
SU1FSS005	Thorium-230	1.05	PCI/G	0.02			2.8	03/14/2005
SU1FSS006	Thorium-230	0.92	PCI/G	0.03			2.8	03/14/2005
SU1FSS007	Thorium-230	1.47	PCI/G	0.02			2.8	03/14/2005
SU1FSS008	Thorium-230	0.26	PCI/G	0.03			2.8	03/14/2005
SU1FSS009	Thorium-230	0.55	PCI/G	0.03			2.8	03/14/2005
SU1FSS010	Thorium-230	1.08	PCI/G	0.03			2.8	03/14/2005
SU1FSS011	Thorium-230	0.77	PCI/G	0.03			2.8	03/14/2005
SU1FSS012	Thorium-230	0.81	PCI/G	0.04			2.8	03/14/2005
SU1FSS013	Thorium-230	1.35	PCI/G	0.03			2.8	03/14/2005
SU1FSS014	Thorium-230	0.86	PCI/G	0.03			2.8	03/14/2005
SU1FSS015	Thorium-230	0.53	PCI/G	0.02			2.8	03/14/2005
SU1FSS016	Thorium-230	1.18	PCI/G	0.04			2.8	03/14/2005
SU1FSS017	Thorium-230	0.80	PCI/G	0.02			2.8	03/15/2005
SU1FSS018	Thorium-230	1.19	PCI/G	0.03			2.8	03/14/2005
SU1FSS019	Thorium-230	1.19	PCI/G	0.03			2.8	03/14/2005
SU1FSS020	Thorium-230	1.02	PCI/G	0.03			2.8	03/14/2005
SU1FSS021	Thorium-230	0.89	PCI/G	0.03			2.8	03/15/2005
SU1FSS022	Thorium-230	1.13	PCI/G	0.03			2.8	03/14/2005
SU1FSS023	Thorium-230	0.91	PCI/G	0.03			2.8	03/17/2005
SU1FSS024	Thorium-230	0.72	PCI/G	0.04			2.8	03/14/2005
SU1FSS025	Thorium-230	1.27	PCI/G	0.04			2.8	03/14/2005
SU1FSS026	Thorium-230	1.00	PCI/G	0.06			2.8	03/14/2005
SU1FSS027	Thorium-230	1.24	PCI/G	0.05			2.8	03/14/2005
SU1FSS028	Thorium-230	0.99	PCI/G	0.03			2.8	03/14/2005
SU1FSS029	Thorium-230	1.36	PCI/G	0.02			2.8	03/15/2005
SU1FSS030	Thorium-230	1.11	PCI/G	0.05			2.8	03/14/2005
SU2FSS002	Thorium-230	1.24	PCI/G	0.02			2.8	03/15/2005
SU2FSS003	Thorium-230	1.35	PCI/G	0.03			2.8	03/15/2005
SU2FSS004	Thorium-230	0.91	PCI/G	0.01			2.8	03/15/2005
SU2FSS005	Thorium-230	1.04	PCI/G	0.04			2.8	03/15/2005
SU2FSS006	Thorium-230	0.65	PCI/G	0.04			2.8	03/15/2005
SU2FSS007	Thorium-230	0.83	PCI/G	0.03			2.8	03/15/2005
SU2FSS008	Thorium-230	0.93	PCI/G	0.02			2.8	03/15/2005
SU2FSS009	Thorium-230	1.04	PCI/G	0.05			2.8	03/15/2005
SU2FSS010	Thorium-230	1.03	PCI/G	0.02			2.8	03/15/2005
SU2FSS011	Thorium-230	0.89	PCI/G	0.03			2.8	03/15/2005
SU2FSS012	Thorium-230	0.97	PCI/G	0.03			2.8	03/15/2005
SU2FSS013	Thorium-230	0.79	PCI/G	0.05			2.8	03/15/2005
SU2FSS014	Thorium-230	0.99	PCI/G	0.04			2.8	03/15/2005
SU2FSS015	Thorium-230	0.78	PCI/G	0.03			2.8	03/15/2005
SU2FSS016	Thorium-230	0.48	PCI/G	0.02			2.8	03/15/2005
SU2FSS018	Thorium-230	0.48	PCI/G	0.05			2.8	03/16/2005
SU2FSS022	Thorium-230	1.03	PCI/G	0.04			2.8	03/15/2005
SU2FSS024	Thorium-230	0.30	PCI/G	0.04			2.8	03/16/2005
SU2FSS044	Thorium-230	1.05	PCI/G	0.02			2.8	03/15/2005
SU2FSS045	Thorium-230	1.48	PCI/G	0.02			2.8	03/14/2005
SU2FSS046	Thorium-230	0.50	PCI/G	0.04			2.8	03/15/2005
SU2FSS047	Thorium-230	0.53	PCI/G	0.05			2.8	03/14/2005
SU2FSS048	Thorium-230	1.20	PCI/G	0.02			2.8	03/15/2005
SU2FSS049	Thorium-230	1.49	PCI/G	0.03			2.8	03/14/2005
SU2FSS050	Thorium-230	0.87	PCI/G	0.03			2.8	03/14/2005
SU2FSS051	Thorium-230	1.03	PCI/G	0.03			2.8	03/15/2005
SU2FSS052	Thorium-230	0.95	PCI/G	0.03			2.8	03/14/2005
SU2FSS053	Thorium-230	1.17	PCI/G	0.03			2.8	03/15/2005
SU2FSS054	Thorium-230	0.80	PCI/G	0.03			2.8	03/14/2005
SU2FSS055	Thorium-230	0.35	PCI/G	0.02		J	2.8	03/14/2005
SU3FSS001	Thorium-230	0.58	PCI/G	0.03			2.8	03/16/2005
SU3FSS002	Thorium-230	0.77	PCI/G	0.03			2.8	03/16/2005
SU3FSS003	Thorium-230	0.47	PCI/G	0.04			2.8	03/16/2005
SU3FSS004	Thorium-230	0.75	PCI/G	0.02			2.8	03/16/2005
SU3FSS005	Thorium-230	0.91	PCI/G	0.03			2.8	03/16/2005
SU3FSS006	Thorium-230	1.16	PCI/G	0.03			2.8	03/16/2005

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Table 9: Th-230 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS007	Thorium-230	0.72	PCI/G	0.05			2.8	03/16/2005
SU3FSS008	Thorium-230	0.60	PCI/G	0.05			2.8	03/16/2005
SU3FSS009	Thorium-230	0.92	PCI/G	0.04			2.8	03/16/2005
SU3FSS010	Thorium-230	1.01	PCI/G	0.04			2.8	03/16/2005
SU3FSS011	Thorium-230	0.82	PCI/G	0.02			2.8	03/16/2005
SU3FSS012	Thorium-230	0.59	PCI/G	0.03			2.8	03/16/2005
SU3FSS015	Thorium-230	0.85	PCI/G	0.03			2.8	03/16/2005
SU3FSS016	Thorium-230	1.02	PCI/G	0.04			2.8	03/16/2005
SU3FSS017	Thorium-230	0.46	PCI/G	0.10		J	2.8	03/16/2005
SU3FSS018	Thorium-230	0.76	PCI/G	0.04			2.8	03/16/2005
SU3FSS019	Thorium-230	0.52	PCI/G	0.04			2.8	03/16/2005
SU3FSS026	Thorium-230	1.18	PCI/G	0.03			2.8	03/16/2005
SU3FSS027	Thorium-230	1.08	PCI/G	0.03			2.8	03/16/2005
SU3FSS028	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005
SU3FSS029	Thorium-230	1.27	PCI/G	0.02			2.8	03/16/2005
SU3FSS030	Thorium-230	0.43	PCI/G	0.04			2.8	03/16/2005
SU3FSS031	Thorium-230	0.67	PCI/G	0.02			2.8	03/16/2005
SU3FSS032	Thorium-230	0.88	PCI/G	0.03			2.8	03/16/2005
SU3FSS040	Thorium-230	1.26	PCI/G	0.03			2.8	03/15/2005
SU3FSS041	Thorium-230	1.12	PCI/G	0.03			2.8	03/15/2005
SU3FSS042	Thorium-230	1.48	PCI/G	0.03			2.8	03/15/2005
SU3FSS043	Thorium-230	1.19	PCI/G	0.03			2.8	03/15/2005
SU3FSS044	Thorium-230	0.65	PCI/G	0.02			2.8	03/15/2005
SU3FSS045	Thorium-230	1.62	PCI/G	0.03			2.8	03/15/2005
SU3FSS046	Thorium-230	1.36	PCI/G	0.02			2.8	03/15/2005
SU3FSS047	Thorium-230	1.26	PCI/G	0.03			2.8	03/15/2005
SU3FSS048	Thorium-230	0.89	PCI/G	0.02			2.8	03/15/2005
SU3FSS049	Thorium-230	0.74	PCI/G	0.04			2.8	03/15/2005
SU3FSS051	Thorium-230	0.86	PCI/G	0.04			2.8	03/16/2005
SU3FSS052	Thorium-230	0.89	PCI/G	0.08			2.8	03/15/2005
SU3FSS055	Thorium-230	1.08	PCI/G	0.05			2.8	03/15/2005
SU3FSS063	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005
SU3FSS064	Thorium-230	1.18	PCI/G	0.05			2.8	03/16/2005
SU3FSS065	Thorium-230	1.06	PCI/G	0.02			2.8	03/15/2005
SU3FSS068	Thorium-230	1.07	PCI/G	0.04			2.8	03/15/2005
SU3FSS069	Thorium-230	0.74	PCI/G	0.03			2.8	03/15/2005
SU3FSS077	Thorium-230	0.73	PCI/G	0.02			2.8	03/15/2005
SU3FSS078	Thorium-230	0.66	PCI/G	0.03			2.8	03/16/2005
SU3FSS079	Thorium-230	0.56	PCI/G	0.02			2.8	03/16/2005
SU3FSS084	Thorium-230	0.87	PCI/G	0.04			2.8	03/15/2005
SU3FSS085	Thorium-230	1.07	PCI/G	0.04			2.8	03/15/2005
SU3FSS086	Thorium-230	0.97	PCI/G	0.04			2.8	03/15/2005
SU3FSS087	Thorium-230	1.01	PCI/G	0.03			2.8	03/15/2005
SU3FSS089	Thorium-230	0.73	PCI/G	0.02			2.8	04/11/2005
SU3FSS090	Thorium-230	0.86	PCI/G	0.03			2.8	03/16/2005
SU4FSS024	Thorium-230	0.95	PCI/G	0.03			2.8	03/16/2005
SU4FSS025	Thorium-230	1.05	PCI/G	0.03			2.8	03/16/2005
SU4FSS026	Thorium-230	0.99	PCI/G	0.01			2.8	03/16/2005
SU4FSS027	Thorium-230	0.87	PCI/G	0.03			2.8	03/16/2005
SU4FSS028	Thorium-230	1.21	PCI/G	0.02			2.8	03/16/2005
SU4FSS029	Thorium-230	1.14	PCI/G	0.03			2.8	03/16/2005
SU4FSS030	Thorium-230	1.24	PCI/G	0.03			2.8	03/16/2005
SU4FSS036	Thorium-230	1.02	PCI/G	0.04			2.8	03/16/2005
SU4FSS037	Thorium-230	1.25	PCI/G	0.05			2.8	03/17/2005
SU4FSS038	Thorium-230	0.64	PCI/G	0.04			2.8	03/16/2005
SU4FSS039	Thorium-230	0.63	PCI/G	0.03			2.8	03/17/2005
SU4FSS040	Thorium-230	0.98	PCI/G	0.03			2.8	03/16/2005
SU4FSS041	Thorium-230	1.41	PCI/G	0.04			2.8	03/17/2005
SU4FSS042	Thorium-230	1.33	PCI/G	0.03			2.8	04/11/2005
SU4FSS043	Thorium-230	0.84	PCI/G	0.03			2.8	03/17/2005
SU4FSS044	Thorium-230	0.54	PCI/G	0.10			2.8	03/16/2005
SU4FSS045	Thorium-230	0.85	PCI/G	0.05			2.8	03/17/2005
SU4FSS046	Thorium-230	1.19	PCI/G	0.03			2.8	03/17/2005
SU4FSS047	Thorium-230	1.21	PCI/G	0.03			2.8	03/17/2005
SU4FSS048	Thorium-230	1.03	PCI/G	0.04			2.8	03/16/2005
SU4FSS049	Thorium-230	0.85	PCI/G	0.09			2.8	03/16/2005

Table 9: Th-230 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS050	Thorium-230	0.73	PCI/G	0.08			2.8	03/16/2005
SU4FSS051	Thorium-230	0.99	PCI/G	0.04			2.8	03/16/2005
SU4FSS052	Thorium-230	0.94	PCI/G	0.03			2.8	04/11/2005
SU4FSS053	Thorium-230	0.81	PCI/G	0.10			2.8	03/16/2005
SU4FSS054	Thorium-230	0.74	PCI/G	0.04			2.8	03/17/2005
SU4FSS055	Thorium-230	0.83	PCI/G	0.03			2.8	03/17/2005
SU4FSS056	Thorium-230	0.87	PCI/G	0.04			2.8	03/16/2005
SU4FSS057	Thorium-230	0.74	PCI/G	0.03			2.8	03/17/2005
SU4FSS058	Thorium-230	0.97	PCI/G	0.04			2.8	03/16/2005
SU4FSS059	Thorium-230	0.83	PCI/G	0.02			2.8	03/16/2005
SU4FSS060	Thorium-230	0.64	PCI/G	0.02			2.8	03/17/2005
SU4FSS061	Thorium-230	1.13	PCI/G	0.03			2.8	03/17/2005
SU4FSS062	Thorium-230	1.22	PCI/G	0.03			2.8	03/17/2005
SU4FSS063	Thorium-230	1.05	PCI/G	0.02			2.8	03/17/2005
SU4FSS064	Thorium-230	1.01	PCI/G	0.02			2.8	03/17/2005
SU4FSS065	Thorium-230	1.06	PCI/G	0.02			2.8	03/17/2005
SU4FSS066	Thorium-230	1.26	PCI/G	0.03			2.8	03/17/2005
SU4FSS067	Thorium-230	1.35	PCI/G	0.02			2.8	03/17/2005
SU4FSS068	Thorium-230	0.85	PCI/G	0.01			2.8	04/11/2005
SU4FSS069	Thorium-230	0.84	PCI/G	0.03			2.8	03/17/2005
SU4FSS070	Thorium-230	0.96	PCI/G	0.02			2.8	03/17/2005
SU4FSS071	Thorium-230	1.04	PCI/G	0.02			2.8	03/17/2005
SU4FSS072	Thorium-230	0.86	PCI/G	0.02			2.8	03/17/2005
SU4FSS073	Thorium-230	0.99	PCI/G	0.03			2.8	03/17/2005
SU4FSS074	Thorium-230	0.98	PCI/G	0.07		J	2.8	03/17/2005
SU4FSS075	Thorium-230	0.92	PCI/G	0.07		J	2.8	03/17/2005
SU4FSS076	Thorium-230	0.79	PCI/G	0.06		J	2.8	03/17/2005
SU4FSS077	Thorium-230	1.10	PCI/G	0.04		J	2.8	03/17/2005
SU4FSS078	Thorium-230	0.50	PCI/G	0.05		J	2.8	03/17/2005
SU4FSS079	Thorium-230	0.73	PCI/G	0.03		J	2.8	03/17/2005
SU4FSS080	Thorium-230	0.88	PCI/G	0.03			2.8	03/17/2005
SU4FSS081	Thorium-230	0.94	PCI/G	0.06		J	2.8	03/17/2005
SU4FSS082	Thorium-230	0.59	PCI/G	0.04		J	2.8	03/17/2005
SU4FSS083	Thorium-230	0.90	PCI/G	0.03		J	2.8	03/17/2005
SU4FSS084	Thorium-230	1.21	PCI/G	0.05		J	2.8	03/17/2005
SU4FSS085	Thorium-230	0.56	PCI/G	0.07		J	2.8	03/17/2005
SU4FSS086	Thorium-230	0.86	PCI/G	0.04		J	2.8	03/17/2005
SU4FSS087	Thorium-230	0.58	PCI/G	0.03		J	2.8	03/17/2005
SU4FSS088	Thorium-230	0.87	PCI/G	0.08		J	2.8	03/17/2005
SU4FSS089	Thorium-230	1.01	PCI/G	0.03		J	2.8	03/17/2005
SU4FSS090	Thorium-230	0.73	PCI/G	0.05		J	2.8	03/17/2005
SU4FSS091	Thorium-230	0.92	PCI/G	0.02			2.8	03/17/2005
SU4FSS092	Thorium-230	0.61	PCI/G	0.05		J	2.8	03/17/2005
SU67SCR273	Thorium-230	0.85	PCI/G	0.03			2.8	07/12/2005
SU6PRS6701	Thorium-230	0.67	PCI/G	0.02			2.8	07/05/2005
SU6PRS6702	Thorium-230	0.66	PCI/G	0.01			2.8	07/05/2005
SU6PRS6703	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005
SU6PRS6704	Thorium-230	0.72	PCI/G	0.03			2.8	07/05/2005
SU6PRS6705	Thorium-230	1.16	PCI/G	0.03			2.8	07/05/2005
SU6PRS6706	Thorium-230	1.70	PCI/G	0.01			2.8	07/05/2005
SU6PRS6707	Thorium-230	1.30	PCI/G	0.03			2.8	07/05/2005
SU6PRS6708	Thorium-230	0.70	PCI/G	0.03			2.8	07/05/2005
SU6PRS6709	Thorium-230	1.18	PCI/G	0.03			2.8	07/05/2005
SU6PRS6710	Thorium-230	1.03	PCI/G	0.02			2.8	07/05/2005
SU6PRS6711	Thorium-230	0.87	PCI/G	0.02			2.8	07/05/2005
SU6PRS6712	Thorium-230	0.87	PCI/G	0.04			2.8	07/05/2005
SU6PRS6713	Thorium-230	0.76	PCI/G	0.03			2.8	07/05/2005
SU6PRS6714	Thorium-230	1.19	PCI/G	0.03			2.8	07/05/2005
SU6PRS6715	Thorium-230	1.27	PCI/G	0.04			2.8	07/05/2005
SU6PRS6716	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005
SU6PRS6717	Thorium-230	0.80	PCI/G	0.01			2.8	07/05/2005
SU6PRS6718	Thorium-230	0.84	PCI/G	0.03			2.8	07/05/2005
SU6PRS6719	Thorium-230	1.23	PCI/G	0.02			2.8	07/05/2005
SU6PRS6720	Thorium-230	1.42	PCI/G	0.02			2.8	07/05/2005
SU6PRS6721	Thorium-230	0.88	PCI/G	0.04			2.8	07/05/2005
SU6PRS6722	Thorium-230	0.83	PCI/G	0.03			2.8	07/05/2005

Table 9: Th-230 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6723	Thorium-230	0.87	PCI/G	0.05			2.8	07/05/2005
SU6PRS6724	Thorium-230	1.13	PCI/G	0.03			2.8	07/05/2005
SU6PRS6725	Thorium-230	1.16	PCI/G	0.03			2.8	07/05/2005
SU6PRS6726	Thorium-230	0.88	PCI/G	0.03			2.8	07/05/2005
SU6PRS6727	Thorium-230	0.76	PCI/G	0.03			2.8	07/06/2005
SU6PRS6728	Thorium-230	0.81	PCI/G	0.03			2.8	07/05/2005
SU6PRS6729	Thorium-230	0.78	PCI/G	0.05			2.8	07/05/2005
SU6PRS6730	Thorium-230	0.90	PCI/G	0.04			2.8	07/05/2005
SU6PRS6731	Thorium-230	0.50	PCI/G	0.03			2.8	07/05/2005
SU6PRS6732	Thorium-230	0.62	PCI/G	0.04			2.8	07/05/2005
SU6PRS6733	Thorium-230	1.32	PCI/G	0.02			2.8	07/05/2005
SU6PRS6734	Thorium-230	0.56	PCI/G	0.03			2.8	07/05/2005
SU6PRS6735	Thorium-230	0.69	PCI/G	0.03			2.8	07/06/2005
SU6PRS6736	Thorium-230	0.62	PCI/G	0.04			2.8	07/05/2005
SU6PRS6737	Thorium-230	0.93	PCI/G	0.06			2.8	07/05/2005
SU6PRS6738	Thorium-230	0.74	PCI/G	0.04			2.8	07/05/2005
SU6PRS6739	Thorium-230	0.61	PCI/G	0.06			2.8	07/05/2005
SU6PRS6740	Thorium-230	0.81	PCI/G	0.08			2.8	07/05/2005
SU6PRS6741	Thorium-230	0.64	PCI/G	0.08			2.8	07/05/2005
SU6PRS6742	Thorium-230	1.25	PCI/G	0.02			2.8	07/05/2005
SU6PRS6743	Thorium-230	1.40	PCI/G	0.02			2.8	07/05/2005
SU6PRS6744	Thorium-230	0.46	PCI/G	0.04		J	2.8	07/05/2005
SU6PRS6745	Thorium-230	0.76	PCI/G	0.04			2.8	07/06/2005
SU6PRS6746	Thorium-230	0.55	PCI/G	0.02			2.8	07/05/2005
SU6PRS6747	Thorium-230	1.03	PCI/G	0.02			2.8	07/06/2005
SU6PRS6748	Thorium-230	0.75	PCI/G	0.02			2.8	07/06/2005
SU6PRS6749	Thorium-230	0.73	PCI/G	0.03			2.8	07/05/2005
SU6PRS6750	Thorium-230	0.78	PCI/G	0.04			2.8	07/06/2005
SU6PRS6751	Thorium-230	0.73	PCI/G	0.02			2.8	07/06/2005
SU6PRS6752	Thorium-230	1.07	PCI/G	0.04			2.8	07/06/2005
SU6PRS6753	Thorium-230	0.94	PCI/G	0.05			2.8	07/06/2005
SU6PRS6754	Thorium-230	0.82	PCI/G	0.02			2.8	07/06/2005
SU6PRS6755	Thorium-230	1.58	PCI/G	0.04			2.8	07/06/2005
SU6PRS6756	Thorium-230	1.38	PCI/G	0.04			2.8	07/06/2005
SU6PRS6757	Thorium-230	0.30	PCI/G	0.03		J	2.8	07/06/2005
SU6PRS6758	Thorium-230	0.70	PCI/G	0.03			2.8	07/06/2005
SU6PRS6759	Thorium-230	1.32	PCI/G	0.07		J	2.8	07/06/2005
SU6PRS6760	Thorium-230	1.24	PCI/G	0.02			2.8	07/06/2005
SU6PRS6761	Thorium-230	1.09	PCI/G	0.03			2.8	07/06/2005
SU6PRS6762	Thorium-230	1.41	PCI/G	0.02			2.8	07/06/2005
SU6PRS6763	Thorium-230	0.66	PCI/G	0.02			2.8	07/06/2005
SU6PRS6764	Thorium-230	1.09	PCI/G	0.03			2.8	07/06/2005
SU6PRS6765	Thorium-230	1.38	PCI/G	0.02			2.8	07/06/2005
SU6PRS6766	Thorium-230	1.37	PCI/G	0.03			2.8	07/06/2005
SU6PRS6767	Thorium-230	1.06	PCI/G	0.03			2.8	07/06/2005
SU6PRS6768	Thorium-230	1.63	PCI/G	0.03			2.8	07/06/2005
SU6PRS6769	Thorium-230	0.42	PCI/G	0.04			2.8	07/06/2005
SU6PRS6770	Thorium-230	1.52	PCI/G	0.05			2.8	07/06/2005
SU6PRS6771	Thorium-230	0.60	PCI/G	0.02			2.8	07/06/2005
SU6PRS6772	Thorium-230	0.35	PCI/G	0.08		J	2.8	07/06/2005
SU6PRS6773	Thorium-230	0.85	PCI/G	0.03			2.8	07/12/2005
SU6PRS6774	Thorium-230	1.28	PCI/G	0.05			2.8	07/06/2005
SU6PRS6775	Thorium-230	1.26	PCI/G	0.07			2.8	07/06/2005
SU6PRS6776	Thorium-230	0.74	PCI/G	0.04			2.8	07/06/2005
SU6PRS6777	Thorium-230	0.83	PCI/G	0.03			2.8	07/06/2005
	STD DEV	0.27						

U: not detected
J: estimated
CO: cleanup objective
DL: detection limit
LQ: lab qualifier
DQ: data qualifier

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Table 10: Th-228 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS001	Thorium-228	1.25	PCI/G	0.03			2.6	03/15/2005
SU1FSS002	Thorium-228	0.74	PCI/G	0.05			2.6	03/14/2005
SU1FSS003	Thorium-228	0.74	PCI/G	0.04			2.6	03/14/2005
SU1FSS004	Thorium-228	0.91	PCI/G	0.04			2.6	03/15/2005
SU1FSS005	Thorium-228	1.28	PCI/G	0.06			2.6	03/14/2005
SU1FSS006	Thorium-228	0.70	PCI/G	0.04			2.6	03/14/2005
SU1FSS007	Thorium-228	1.01	PCI/G	0.03			2.6	03/14/2005
SU1FSS008	Thorium-228	0.30	PCI/G	0.05			2.6	03/14/2005
SU1FSS009	Thorium-228	0.51	PCI/G	0.04			2.6	03/14/2005
SU1FSS010	Thorium-228	0.37	PCI/G	0.05			2.6	03/14/2005
SU1FSS011	Thorium-228	0.98	PCI/G	0.05			2.6	03/14/2005
SU1FSS012	Thorium-228	0.81	PCI/G	0.09			2.6	03/14/2005
SU1FSS013	Thorium-228	0.66	PCI/G	0.06			2.6	03/14/2005
SU1FSS014	Thorium-228	0.88	PCI/G	0.04			2.6	03/14/2005
SU1FSS015	Thorium-228	0.33	PCI/G	0.05			2.6	03/14/2005
SU1FSS016	Thorium-228	0.67	PCI/G	0.10			2.6	03/14/2005
SU1FSS017	Thorium-228	0.64	PCI/G	0.04			2.6	03/15/2005
SU1FSS018	Thorium-228	0.99	PCI/G	0.07			2.6	03/14/2005
SU1FSS019	Thorium-228	0.55	PCI/G	0.05			2.6	03/14/2005
SU1FSS020	Thorium-228	0.80	PCI/G	0.05			2.6	03/14/2005
SU1FSS021	Thorium-228	0.83	PCI/G	0.05			2.6	03/15/2005
SU1FSS022	Thorium-228	0.73	PCI/G	0.05			2.6	03/14/2005
SU1FSS023	Thorium-228	0.80	PCI/G	0.04			2.6	03/17/2005
SU1FSS024	Thorium-228	0.52	PCI/G	0.06			2.6	03/14/2005
SU1FSS025	Thorium-228	0.64	PCI/G	0.05			2.6	03/14/2005
SU1FSS026	Thorium-228	0.91	PCI/G	0.06			2.6	03/14/2005
SU1FSS027	Thorium-228	0.79	PCI/G	0.07			2.6	03/14/2005
SU1FSS028	Thorium-228	0.54	PCI/G	0.05			2.6	03/14/2005
SU1FSS029	Thorium-228	1.01	PCI/G	0.04			2.6	03/15/2005
SU1FSS030	Thorium-228	0.58	PCI/G	0.08			2.6	03/14/2005
SU2FSS002	Thorium-228	0.73	PCI/G	0.05			2.6	03/15/2005
SU2FSS003	Thorium-228	0.85	PCI/G	0.05			2.6	03/15/2005
SU2FSS004	Thorium-228	0.59	PCI/G	0.03			2.6	03/15/2005
SU2FSS005	Thorium-228	0.52	PCI/G	0.05			2.6	03/15/2005
SU2FSS006	Thorium-228	0.59	PCI/G	0.04			2.6	03/15/2005
SU2FSS007	Thorium-228	1.23	PCI/G	0.04			2.6	03/15/2005
SU2FSS008	Thorium-228	0.91	PCI/G	0.03			2.6	03/15/2005
SU2FSS009	Thorium-228	0.96	PCI/G	0.05			2.6	03/15/2005
SU2FSS010	Thorium-228	0.68	PCI/G	0.03			2.6	03/15/2005
SU2FSS011	Thorium-228	0.75	PCI/G	0.03			2.6	03/15/2005
SU2FSS012	Thorium-228	1.24	PCI/G	0.05			2.6	03/15/2005
SU2FSS013	Thorium-228	0.55	PCI/G	0.06			2.6	03/15/2005
SU2FSS014	Thorium-228	0.70	PCI/G	0.06			2.6	03/15/2005
SU2FSS015	Thorium-228	0.52	PCI/G	0.03			2.6	03/15/2005
SU2FSS016	Thorium-228	0.44	PCI/G	0.04			2.6	03/15/2005
SU2FSS018	Thorium-228	0.41	PCI/G	0.08			2.6	03/16/2005
SU2FSS022	Thorium-228	1.86	PCI/G	0.04			2.6	03/15/2005
SU2FSS024	Thorium-228	0.17	PCI/G	0.08		J	2.6	03/16/2005
SU2FSS044	Thorium-228	0.83	PCI/G	0.03			2.6	03/15/2005
SU2FSS045	Thorium-228	1.40	PCI/G	0.04			2.6	03/14/2005
SU2FSS046	Thorium-228	0.44	PCI/G	0.05			2.6	03/15/2005
SU2FSS047	Thorium-228	1.01	PCI/G	0.05			2.6	03/14/2005
SU2FSS048	Thorium-228	0.96	PCI/G	0.04			2.6	03/15/2005
SU2FSS049	Thorium-228	1.07	PCI/G	0.03			2.6	03/14/2005

Table 10: Th-228 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS050	Thorium-228	0.91	PCI/G	0.03			2.6	03/14/2005
SU2FSS051	Thorium-228	1.49	PCI/G	0.03			2.6	03/15/2005
SU2FSS052	Thorium-228	1.04	PCI/G	0.03			2.6	03/14/2005
SU2FSS053	Thorium-228	1.90	PCI/G	0.04			2.6	03/15/2005
SU2FSS054	Thorium-228	0.83	PCI/G	0.05			2.6	03/14/2005
SU2FSS055	Thorium-228	0.51	PCI/G	0.04			2.6	03/14/2005
SU3FSS001	Thorium-228	0.29	PCI/G	0.04			2.6	03/16/2005
SU3FSS002	Thorium-228	0.57	PCI/G	0.03			2.6	03/16/2005
SU3FSS003	Thorium-228	0.22	PCI/G	0.03		J	2.6	03/16/2005
SU3FSS004	Thorium-228	0.50	PCI/G	0.04		J	2.6	03/16/2005
SU3FSS005	Thorium-228	0.58	PCI/G	0.05			2.6	03/16/2005
SU3FSS006	Thorium-228	0.92	PCI/G	0.06			2.6	03/16/2005
SU3FSS007	Thorium-228	0.62	PCI/G	0.05			2.6	03/16/2005
SU3FSS008	Thorium-228	0.39	PCI/G	0.08		J	2.6	03/16/2005
SU3FSS009	Thorium-228	0.85	PCI/G	0.07			2.6	03/16/2005
SU3FSS010	Thorium-228	0.60	PCI/G	0.06			2.6	03/16/2005
SU3FSS011	Thorium-228	0.69	PCI/G	0.07			2.6	03/16/2005
SU3FSS012	Thorium-228	0.65	PCI/G	0.04			2.6	03/16/2005
SU3FSS015	Thorium-228	0.58	PCI/G	0.05			2.6	03/16/2005
SU3FSS016	Thorium-228	0.56	PCI/G	0.07			2.6	03/16/2005
SU3FSS017	Thorium-228	0.25	PCI/G	0.23	J	J	2.6	03/16/2005
SU3FSS018	Thorium-228	0.59	PCI/G	0.07			2.6	03/16/2005
SU3FSS019	Thorium-228	0.43	PCI/G	0.04		J	2.6	03/16/2005
SU3FSS026	Thorium-228	0.78	PCI/G	0.05			2.6	03/16/2005
SU3FSS027	Thorium-228	0.58	PCI/G	0.04			2.6	03/16/2005
SU3FSS028	Thorium-228	0.59	PCI/G	0.04			2.6	03/16/2005
SU3FSS029	Thorium-228	0.74	PCI/G	0.03			2.6	03/16/2005
SU3FSS030	Thorium-228	0.27	PCI/G	0.03			2.6	03/16/2005
SU3FSS031	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005
SU3FSS032	Thorium-228	0.88	PCI/G	0.05			2.6	03/16/2005
SU3FSS040	Thorium-228	0.94	PCI/G	0.03			2.6	03/15/2005
SU3FSS041	Thorium-228	0.80	PCI/G	0.03			2.6	03/15/2005
SU3FSS042	Thorium-228	1.13	PCI/G	0.04			2.6	03/15/2005
SU3FSS043	Thorium-228	0.83	PCI/G	0.03			2.6	03/15/2005
SU3FSS044	Thorium-228	0.60	PCI/G	0.03			2.6	03/15/2005
SU3FSS045	Thorium-228	1.06	PCI/G	0.05		J	2.6	03/15/2005
SU3FSS046	Thorium-228	0.76	PCI/G	0.03		J	2.6	03/15/2005
SU3FSS047	Thorium-228	0.56	PCI/G	0.03		J	2.6	03/15/2005
SU3FSS048	Thorium-228	0.45	PCI/G	0.03		J	2.6	03/15/2005
SU3FSS049	Thorium-228	0.46	PCI/G	0.06		J	2.6	03/15/2005
SU3FSS051	Thorium-228	0.65	PCI/G	0.05		J	2.6	03/16/2005
SU3FSS052	Thorium-228	0.91	PCI/G	0.08		J	2.6	03/15/2005
SU3FSS055	Thorium-228	1.05	PCI/G	0.06		J	2.6	03/15/2005
SU3FSS063	Thorium-228	0.89	PCI/G	0.05		J	2.6	03/16/2005
SU3FSS064	Thorium-228	0.86	PCI/G	0.16		J	2.6	03/16/2005
SU3FSS065	Thorium-228	0.63	PCI/G	0.06			2.6	03/15/2005
SU3FSS068	Thorium-228	0.93	PCI/G	0.05			2.6	03/15/2005
SU3FSS069	Thorium-228	1.04	PCI/G	0.03			2.6	03/15/2005
SU3FSS077	Thorium-228	0.87	PCI/G	0.02			2.6	03/15/2005
SU3FSS078	Thorium-228	0.78	PCI/G	0.04			2.6	03/16/2005
SU3FSS079	Thorium-228	0.48	PCI/G	0.03			2.6	03/16/2005
SU3FSS084	Thorium-228	1.04	PCI/G	0.05			2.6	03/15/2005
SU3FSS085	Thorium-228	1.01	PCI/G	0.05			2.6	03/15/2005
SU3FSS086	Thorium-228	0.77	PCI/G	0.04			2.6	03/15/2005

Table 10: Th-228 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU3FSS087	Thorium-228	0.66	PCI/G	0.04			2.6	03/15/2005
SU3FSS089	Thorium-228	0.43	PCI/G	0.02			2.6	04/11/2005
SU3FSS090	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005
SU4FSS024	Thorium-228	0.78	PCI/G	0.03			2.6	03/16/2005
SU4FSS025	Thorium-228	0.76	PCI/G	0.05			2.6	03/16/2005
SU4FSS026	Thorium-228	0.58	PCI/G	0.03			2.6	03/16/2005
SU4FSS027	Thorium-228	0.74	PCI/G	0.04			2.6	03/16/2005
SU4FSS028	Thorium-228	0.76	PCI/G	0.03			2.6	03/16/2005
SU4FSS029	Thorium-228	0.68	PCI/G	0.02			2.6	03/16/2005
SU4FSS030	Thorium-228	0.78	PCI/G	0.03		J	2.6	03/16/2005
SU4FSS036	Thorium-228	0.61	PCI/G	0.06		J	2.6	03/16/2005
SU4FSS037	Thorium-228	0.95	PCI/G	0.04		J	2.6	03/17/2005
SU4FSS038	Thorium-228	0.85	PCI/G	0.06		J	2.6	03/16/2005
SU4FSS039	Thorium-228	0.41	PCI/G	0.06		J	2.6	03/17/2005
SU4FSS040	Thorium-228	0.74	PCI/G	0.05		J	2.6	03/16/2005
SU4FSS041	Thorium-228	1.09	PCI/G	0.05		J	2.6	03/17/2005
SU4FSS042	Thorium-228	0.95	PCI/G	0.05			2.6	04/11/2005
SU4FSS043	Thorium-228	0.46	PCI/G	0.08		J	2.6	03/17/2005
SU4FSS044	Thorium-228	0.43	PCI/G	0.22		J	2.6	03/16/2005
SU4FSS045	Thorium-228	0.58	PCI/G	0.07		J	2.6	03/17/2005
SU4FSS046	Thorium-228	0.60	PCI/G	0.07			2.6	03/17/2005
SU4FSS047	Thorium-228	0.51	PCI/G	0.07		J	2.6	03/17/2005
SU4FSS048	Thorium-228	1.14	PCI/G	0.06		J	2.6	03/16/2005
SU4FSS049	Thorium-228	0.43	PCI/G	0.20		J	2.6	03/16/2005
SU4FSS050	Thorium-228	1.08	PCI/G	0.16		J	2.6	03/16/2005
SU4FSS051	Thorium-228	0.60	PCI/G	0.10		J	2.6	03/16/2005
SU4FSS052	Thorium-228	0.97	PCI/G	0.05			2.6	04/11/2005
SU4FSS053	Thorium-228	1.01	PCI/G	0.12		J	2.6	03/16/2005
SU4FSS054	Thorium-228	0.46	PCI/G	0.05		J	2.6	03/17/2005
SU4FSS055	Thorium-228	1.06	PCI/G	0.05		J	2.6	03/17/2005
SU4FSS056	Thorium-228	0.61	PCI/G	0.07		J	2.6	03/16/2005
SU4FSS057	Thorium-228	0.64	PCI/G	0.03			2.6	03/17/2005
SU4FSS058	Thorium-228	1.03	PCI/G	0.03			2.6	03/16/2005
SU4FSS059	Thorium-228	0.53	PCI/G	0.03			2.6	03/16/2005
SU4FSS060	Thorium-228	0.98	PCI/G	0.05			2.6	03/17/2005
SU4FSS061	Thorium-228	0.85	PCI/G	0.05			2.6	03/17/2005
SU4FSS062	Thorium-228	1.42	PCI/G	0.05			2.6	03/17/2005
SU4FSS063	Thorium-228	1.09	PCI/G	0.04			2.6	03/17/2005
SU4FSS064	Thorium-228	0.59	PCI/G	0.03			2.6	03/17/2005
SU4FSS065	Thorium-228	1.42	PCI/G	0.05			2.6	03/17/2005
SU4FSS066	Thorium-228	2.43	PCI/G	0.04			2.6	03/17/2005
SU4FSS067	Thorium-228	1.95	PCI/G	0.04			2.6	03/17/2005
SU4FSS068	Thorium-228	0.82	PCI/G	0.04			2.6	04/11/2005
SU4FSS069	Thorium-228	0.47	PCI/G	0.03			2.6	03/17/2005
SU4FSS070	Thorium-228	0.62	PCI/G	0.03			2.6	03/17/2005
SU4FSS071	Thorium-228	0.99	PCI/G	0.04			2.6	03/17/2005
SU4FSS072	Thorium-228	0.76	PCI/G	0.03			2.6	03/17/2005
SU4FSS073	Thorium-228	1.27	PCI/G	0.03			2.6	03/17/2005
SU4FSS074	Thorium-228	1.18	PCI/G	0.09			2.6	03/17/2005
SU4FSS075	Thorium-228	1.13	PCI/G	0.09			2.6	03/17/2005
SU4FSS076	Thorium-228	0.61	PCI/G	0.09			2.6	03/17/2005
SU4FSS077	Thorium-228	0.66	PCI/G	0.04			2.6	03/17/2005
SU4FSS078	Thorium-228	0.33	PCI/G	0.06			2.6	03/17/2005
SU4FSS079	Thorium-228	1.67	PCI/G	0.03			2.6	03/17/2005

Table 10: Th-228 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS080	Thorium-228	0.97	PCI/G	0.07			2.6	03/17/2005
SU4FSS081	Thorium-228	0.99	PCI/G	0.08			2.6	03/17/2005
SU4FSS082	Thorium-228	0.72	PCI/G	0.11			2.6	03/17/2005
SU4FSS083	Thorium-228	1.01	PCI/G	0.07			2.6	03/17/2005
SU4FSS084	Thorium-228	0.73	PCI/G	0.07			2.6	03/17/2005
SU4FSS085	Thorium-228	0.59	PCI/G	0.10			2.6	03/17/2005
SU4FSS086	Thorium-228	0.65	PCI/G	0.09			2.6	03/17/2005
SU4FSS087	Thorium-228	0.47	PCI/G	0.05			2.6	03/17/2005
SU4FSS088	Thorium-228	0.83	PCI/G	0.09		J	2.6	03/17/2005
SU4FSS089	Thorium-228	0.86	PCI/G	0.08			2.6	03/17/2005
SU4FSS090	Thorium-228	0.73	PCI/G	0.07			2.6	03/17/2005
SU4FSS091	Thorium-228	0.80	PCI/G	0.06			2.6	03/17/2005
SU4FSS092	Thorium-228	0.34	PCI/G	0.11		J	2.6	03/17/2005
SU67SCR273	Thorium-228	0.94	PCI/G	0.03			2.6	07/12/2005
SU6PRS6701	Thorium-228	0.45	PCI/G	0.03			2.6	07/05/2005
SU6PRS6702	Thorium-228	0.60	PCI/G	0.04			2.6	07/05/2005
SU6PRS6703	Thorium-228	0.89	PCI/G	0.05			2.6	07/05/2005
SU6PRS6704	Thorium-228	0.49	PCI/G	0.05			2.6	07/05/2005
SU6PRS6705	Thorium-228	1.00	PCI/G	0.03			2.6	07/05/2005
SU6PRS6706	Thorium-228	0.78	PCI/G	0.03			2.6	07/05/2005
SU6PRS6707	Thorium-228	0.59	PCI/G	0.04			2.6	07/05/2005
SU6PRS6708	Thorium-228	0.56	PCI/G	0.04			2.6	07/05/2005
SU6PRS6709	Thorium-228	0.95	PCI/G	0.03			2.6	07/05/2005
SU6PRS6710	Thorium-228	0.82	PCI/G	0.06			2.6	07/05/2005
SU6PRS6711	Thorium-228	0.60	PCI/G	0.05			2.6	07/05/2005
SU6PRS6712	Thorium-228	0.79	PCI/G	0.08			2.6	07/05/2005
SU6PRS6713	Thorium-228	0.60	PCI/G	0.05			2.6	07/05/2005
SU6PRS6714	Thorium-228	0.77	PCI/G	0.07			2.6	07/05/2005
SU6PRS6715	Thorium-228	1.08	PCI/G	0.05			2.6	07/05/2005
SU6PRS6716	Thorium-228	0.85	PCI/G	0.05			2.6	07/05/2005
SU6PRS6717	Thorium-228	0.73	PCI/G	0.04			2.6	07/05/2005
SU6PRS6718	Thorium-228	0.49	PCI/G	0.04			2.6	07/05/2005
SU6PRS6719	Thorium-228	0.85	PCI/G	0.04			2.6	07/05/2005
SU6PRS6720	Thorium-228	1.99	PCI/G	0.03			2.6	07/05/2005
SU6PRS6721	Thorium-228	0.66	PCI/G	0.05			2.6	07/05/2005
SU6PRS6722	Thorium-228	0.62	PCI/G	0.08			2.6	07/05/2005
SU6PRS6723	Thorium-228	0.55	PCI/G	0.07			2.6	07/05/2005
SU6PRS6724	Thorium-228	0.77	PCI/G	0.05			2.6	07/05/2005
SU6PRS6725	Thorium-228	0.97	PCI/G	0.03			2.6	07/05/2005
SU6PRS6726	Thorium-228	1.09	PCI/G	0.06			2.6	07/05/2005
SU6PRS6727	Thorium-228	1.18	PCI/G	0.04			2.6	07/06/2005
SU6PRS6728	Thorium-228	0.82	PCI/G	0.05			2.6	07/05/2005
SU6PRS6729	Thorium-228	0.89	PCI/G	0.09			2.6	07/05/2005
SU6PRS6730	Thorium-228	0.89	PCI/G	0.05			2.6	07/05/2005
SU6PRS6731	Thorium-228	0.45	PCI/G	0.04			2.6	07/05/2005
SU6PRS6732	Thorium-228	0.64	PCI/G	0.04			2.6	07/05/2005
SU6PRS6733	Thorium-228	1.28	PCI/G	0.03			2.6	07/05/2005
SU6PRS6734	Thorium-228	0.22	PCI/G	0.05			2.6	07/05/2005
SU6PRS6735	Thorium-228	0.87	PCI/G	0.07			2.6	07/06/2005
SU6PRS6736	Thorium-228	0.98	PCI/G	0.11			2.6	07/05/2005
SU6PRS6737	Thorium-228	0.83	PCI/G	0.07			2.6	07/05/2005
SU6PRS6738	Thorium-228	0.81	PCI/G	0.07			2.6	07/05/2005
SU6PRS6739	Thorium-228	0.92	PCI/G	0.08			2.6	07/05/2005
SU6PRS6740	Thorium-228	0.98	PCI/G	0.09			2.6	07/05/2005

Table 10: Th-228 Verification Results

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU6PRS6741	Thorium-228	0.87	PCI/G	0.10			2.6	07/05/2005
SU6PRS6742	Thorium-228	1.06	PCI/G	0.04			2.6	07/05/2005
SU6PRS6743	Thorium-228	0.88	PCI/G	0.04			2.6	07/05/2005
SU6PRS6744	Thorium-228	0.34	PCI/G	0.06			2.6	07/05/2005
SU6PRS6745	Thorium-228	0.73	PCI/G	0.06			2.6	07/06/2005
SU6PRS6746	Thorium-228	0.34	PCI/G	0.05			2.6	07/05/2005
SU6PRS6747	Thorium-228	0.71	PCI/G	0.05			2.6	07/06/2005
SU6PRS6748	Thorium-228	0.64	PCI/G	0.04			2.6	07/06/2005
SU6PRS6749	Thorium-228	0.50	PCI/G	0.05			2.6	07/05/2005
SU6PRS6750	Thorium-228	0.68	PCI/G	0.04			2.6	07/06/2005
SU6PRS6751	Thorium-228	0.48	PCI/G	0.04			2.6	07/06/2005
SU6PRS6752	Thorium-228	0.71	PCI/G	0.05			2.6	07/06/2005
SU6PRS6753	Thorium-228	0.55	PCI/G	0.03			2.6	07/06/2005
SU6PRS6754	Thorium-228	0.67	PCI/G	0.07			2.6	07/06/2005
SU6PRS6755	Thorium-228	0.44	PCI/G	0.02			2.6	07/06/2005
SU6PRS6756	Thorium-228	1.15	PCI/G	0.05			2.6	07/06/2005
SU6PRS6757	Thorium-228	0.08	PCI/G	0.09	U	U	2.6	07/06/2005
SU6PRS6758	Thorium-228	0.36	PCI/G	0.04			2.6	07/06/2005
SU6PRS6759	Thorium-228	0.98	PCI/G	0.20		J	2.6	07/06/2005
SU6PRS6760	Thorium-228	1.28	PCI/G	0.05			2.6	07/06/2005
SU6PRS6761	Thorium-228	0.65	PCI/G	0.03			2.6	07/06/2005
SU6PRS6762	Thorium-228	0.94	PCI/G	0.04			2.6	07/06/2005
SU6PRS6763	Thorium-228	0.49	PCI/G	0.06			2.6	07/06/2005
SU6PRS6764	Thorium-228	1.10	PCI/G	0.06			2.6	07/06/2005
SU6PRS6765	Thorium-228	1.25	PCI/G	0.04			2.6	07/06/2005
SU6PRS6766	Thorium-228	1.08	PCI/G	0.05			2.6	07/06/2005
SU6PRS6767	Thorium-228	0.70	PCI/G	0.03			2.6	07/06/2005
SU6PRS6768	Thorium-228	1.04	PCI/G	0.05			2.6	07/06/2005
SU6PRS6769	Thorium-228	0.24	PCI/G	0.03			2.6	07/06/2005
SU6PRS6770	Thorium-228	0.79	PCI/G	0.05			2.6	07/06/2005
SU6PRS6771	Thorium-228	0.30	PCI/G	0.06			2.6	07/06/2005
SU6PRS6772	Thorium-228	0.36	PCI/G	0.10			2.6	07/06/2005
SU6PRS6773	Thorium-228	0.94	PCI/G	0.03			2.6	07/12/2005
SU6PRS6774	Thorium-228	0.35	PCI/G	0.05			2.6	07/06/2005
SU6PRS6775	Thorium-228	1.08	PCI/G	0.09			2.6	07/06/2005
SU6PRS6776	Thorium-228	0.47	PCI/G	0.06			2.6	07/06/2005
SU6PRS6777	Thorium-228	0.59	PCI/G	0.06			2.6	07/06/2005
	STD DEV	0.32						

U: not detected
J: estimated
CO: cleanup objective
DL: detection limit
LQ: lab qualifier
DQ: data qualifier

Table 11: Pb-210 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU1FSS001	Lead-210	1.73	PCI/G	0.99			7.4	03/15/2005
SU1FSS002	Lead-210	1.49	PCI/G	0.84			7.4	03/14/2005
SU1FSS003	Lead-210	1.46	PCI/G	0.77			7.4	03/14/2005
SU1FSS004	Lead-210	1.72	PCI/G	1.03			7.4	03/15/2005
SU1FSS005	Lead-210	0.89	PCI/G	0.89	U		7.4	03/14/2005
SU1FSS006	Lead-210	0.82	PCI/G	0.75			7.4	03/14/2005
SU1FSS007	Lead-210	1.22	PCI/G	1.05			7.4	03/14/2005
SU1FSS008	Lead-210	1.11	PCI/G	0.62			7.4	03/14/2005
SU1FSS009	Lead-210	0.86	PCI/G	0.54			7.4	03/14/2005
SU1FSS010	Lead-210	1.25	PCI/G	0.58			7.4	03/14/2005
SU1FSS011	Lead-210	1.11	PCI/G	0.76			7.4	03/14/2005
SU1FSS012	Lead-210	0.80	PCI/G	0.60			7.4	03/14/2005
SU1FSS013	Lead-210	0.74	PCI/G	0.55			7.4	03/14/2005
SU1FSS014	Lead-210	1.19	PCI/G	0.91			7.4	03/14/2005
SU1FSS015	Lead-210	0.47	PCI/G	0.47	U		7.4	03/14/2005
SU1FSS016	Lead-210	1.01	PCI/G	0.70			7.4	03/14/2005
SU1FSS017	Lead-210	2.91	PCI/G	1.34			7.4	03/15/2005
SU1FSS018	Lead-210	0.85	PCI/G	0.85	U		7.4	03/14/2005
SU1FSS019	Lead-210	1.10	PCI/G	0.59			7.4	03/14/2005
SU1FSS020	Lead-210	1.86	PCI/G	0.92			7.4	03/14/2005
SU1FSS021	Lead-210	0.68	PCI/G	0.55			7.4	03/15/2005
SU1FSS022	Lead-210	1.76	PCI/G	0.81			7.4	03/14/2005
SU1FSS023	Lead-210	1.68	PCI/G	0.86			7.4	03/17/2005
SU1FSS024	Lead-210	0.55	PCI/G	0.48			7.4	03/14/2005
SU1FSS025	Lead-210	0.86	PCI/G	0.63			7.4	03/14/2005
SU1FSS026	Lead-210	3.26	PCI/G	1.09			7.4	03/14/2005
SU1FSS027	Lead-210	1.01	PCI/G	0.61			7.4	03/14/2005
SU1FSS028	Lead-210	1.24	PCI/G	0.58			7.4	03/14/2005
SU1FSS029	Lead-210	1.46	PCI/G	0.84			7.4	03/15/2005
SU1FSS030	Lead-210	1.41	PCI/G	0.90			7.4	03/14/2005
SU2FSS002	Lead-210	1.22	PCI/G	0.62			7.4	03/15/2005
SU2FSS003	Lead-210	2.48	PCI/G	1.03			7.4	03/15/2005
SU2FSS004	Lead-210	2.26	PCI/G	0.77			7.4	03/15/2005
SU2FSS005	Lead-210	1.66	PCI/G	0.75			7.4	03/15/2005
SU2FSS006	Lead-210	0.93	PCI/G	0.59			7.4	03/15/2005
SU2FSS007	Lead-210	2.98	PCI/G	0.87			7.4	03/15/2005
SU2FSS008	Lead-210	0.88	PCI/G	0.73			7.4	03/15/2005
SU2FSS009	Lead-210	0.72	PCI/G	0.72	U		7.4	03/15/2005
SU2FSS010	Lead-210	1.39	PCI/G	0.89			7.4	03/15/2005
SU2FSS011	Lead-210	2.28	PCI/G	0.94			7.4	03/15/2005
SU2FSS012	Lead-210	2.12	PCI/G	0.81			7.4	03/15/2005
SU2FSS013	Lead-210	1.84	PCI/G	0.82			7.4	03/15/2005
SU2FSS014	Lead-210	1.62	PCI/G	0.72			7.4	03/15/2005
SU2FSS015	Lead-210	2.41	PCI/G	1.02			7.4	03/15/2005
SU2FSS016	Lead-210	0.53	PCI/G	0.53			7.4	03/15/2005
SU2FSS022	Lead-210	1.07	PCI/G	1.01			7.4	03/15/2005
SU2FSS024	Lead-210	1.64	PCI/G	0.56			7.4	03/16/2005
SU2FSS044	Lead-210	1.82	PCI/G	0.93			7.4	03/15/2005
SU2FSS045	Lead-210	1.72	PCI/G	0.89			7.4	03/14/2005
SU2FSS046	Lead-210	0.56	PCI/G	0.56	U		7.4	03/15/2005
SU2FSS047	Lead-210	0.71	PCI/G	0.50			7.4	03/14/2005
SU2FSS048	Lead-210	0.83	PCI/G	0.62			7.4	03/15/2005
SU2FSS049	Lead-210	2.15	PCI/G	0.97			7.4	03/14/2005
SU2FSS050	Lead-210	2.12	PCI/G	1.12			7.4	03/14/2005
SU2FSS051	Lead-210	0.99	PCI/G	0.74			7.4	03/15/2005

Table 11: Pb-210 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU2FSS052	Lead-210	1.77	PCI/G	0.91			7.4	03/14/2005
SU2FSS053	Lead-210	2.95	PCI/G	0.92			7.4	03/15/2005
SU2FSS054	Lead-210	2.79	PCI/G	0.95			7.4	03/14/2005
SU2FSS055	Lead-210	0.43	PCI/G	0.43	U		7.4	03/14/2005
SU2FSSB1	Lead-210	1.82	PCI/G	0.81			7.4	03/15/2005
SU3FSS001	Lead-210	4.17	PCI/G	0.64			7.4	03/16/2005
SU3FSS002	Lead-210	1.66	PCI/G	0.69			7.4	03/16/2005
SU3FSS003	Lead-210	1.65	PCI/G	0.38			7.4	03/16/2005
SU3FSS004	Lead-210	1.78	PCI/G	0.57			7.4	03/16/2005
SU3FSS005	Lead-210	1.40	PCI/G	0.70			7.4	03/16/2005
SU3FSS007	Lead-210	1.15	PCI/G	0.72			7.4	03/16/2005
SU3FSS008	Lead-210	1.28	PCI/G	0.70			7.4	03/16/2005
SU3FSS009	Lead-210	1.26	PCI/G	0.96			7.4	03/16/2005
SU3FSS010	Lead-210	1.04	PCI/G	0.90			7.4	03/16/2005
SU3FSS011	Lead-210	1.33	PCI/G	0.92			7.4	03/16/2005
SU3FSS012	Lead-210	1.90	PCI/G	0.66			7.4	03/16/2005
SU3FSS015	Lead-210	1.67	PCI/G	0.85			7.4	03/16/2005
SU3FSS016	Lead-210	1.96	PCI/G	0.68			7.4	03/16/2005
SU3FSS017	Lead-210	1.03	PCI/G	0.59			7.4	03/16/2005
SU3FSS018	Lead-210	2.42	PCI/G	0.73			7.4	03/16/2005
SU3FSS019	Lead-210	1.56	PCI/G	0.90			7.4	03/16/2005
SU3FSS026	Lead-210	2.29	PCI/G	0.86			7.4	03/16/2005
SU3FSS027	Lead-210	1.22	PCI/G	0.57			7.4	03/16/2005
SU3FSS029	Lead-210	1.94	PCI/G	0.80			7.4	03/16/2005
SU3FSS030	Lead-210	2.55	PCI/G	0.64			7.4	03/16/2005
SU3FSS031	Lead-210	1.34	PCI/G	0.69			7.4	03/16/2005
SU3FSS032	Lead-210	1.10	PCI/G	0.75			7.4	03/16/2005
SU3FSS040	Lead-210	0.77	PCI/G	0.62			7.4	03/15/2005
SU3FSS041	Lead-210	2.10	PCI/G	0.70			7.4	03/15/2005
SU3FSS042	Lead-210	2.39	PCI/G	0.78			7.4	03/15/2005
SU3FSS043	Lead-210	2.04	PCI/G	0.77			7.4	03/15/2005
SU3FSS044	Lead-210	1.78	PCI/G	0.80			7.4	03/15/2005
SU3FSS045	Lead-210	2.54	PCI/G	1.09			7.4	03/15/2005
SU3FSS046	Lead-210	1.14	PCI/G	1.00			7.4	03/15/2005
SU3FSS047	Lead-210	2.02	PCI/G	0.86			7.4	03/15/2005
SU3FSS048	Lead-210	2.76	PCI/G	1.01			7.4	03/15/2005
SU3FSS049	Lead-210	3.02	PCI/G	0.73			7.4	03/15/2005
SU3FSS051	Lead-210	2.04	PCI/G	0.74			7.4	03/16/2005
SU3FSS052	Lead-210	2.00	PCI/G	0.94			7.4	03/15/2005
SU3FSS055	Lead-210	2.40	PCI/G	0.88			7.4	03/15/2005
SU3FSS063	Lead-210	1.69	PCI/G	0.65			7.4	03/16/2005
SU3FSS064	Lead-210	1.94	PCI/G	0.97			7.4	03/16/2005
SU3FSS065	Lead-210	1.82	PCI/G	0.66			7.4	03/15/2005
SU3FSS068	Lead-210	1.85	PCI/G	0.91			7.4	03/15/2005
SU3FSS069	Lead-210	1.12	PCI/G	1.12	U		7.4	03/15/2005
SU3FSS077	Lead-210	2.03	PCI/G	0.82			7.4	03/15/2005
SU3FSS078	Lead-210	1.09	PCI/G	0.70			7.4	03/16/2005
SU3FSS079	Lead-210	1.29	PCI/G	0.59			7.4	03/16/2005
SU3FSS084	Lead-210	1.42	PCI/G	0.69			7.4	03/15/2005
SU3FSS085	Lead-210	0.68	PCI/G	0.67			7.4	03/15/2005
SU3FSS086	Lead-210	0.95	PCI/G	0.78			7.4	03/15/2005
SU3FSS087	Lead-210	1.47	PCI/G	0.61			7.4	03/15/2005
SU3FSS089	Lead-210	7.52	PCI/G	0.88			7.4	04/11/2005
SU3FSS090	Lead-210	0.93	PCI/G	0.63			7.4	03/16/2005
SU4FSS024	Lead-210	2.29	PCI/G	1.10			7.4	03/16/2005

Table 11: Pb-210 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS025	Lead-210	1.77	PCI/G	0.97			7.4	03/16/2005
SU4FSS026	Lead-210	3.40	PCI/G	1.19			7.4	03/16/2005
SU4FSS027	Lead-210	2.39	PCI/G	1.00			7.4	03/16/2005
SU4FSS028	Lead-210	3.02	PCI/G	1.13			7.4	03/16/2005
SU4FSS029	Lead-210	5.88	PCI/G	1.16			7.4	03/16/2005
SU4FSS030	Lead-210	2.72	PCI/G	0.88			7.4	03/16/2005
SU4FSS036	Lead-210	0.61	PCI/G	0.47			7.4	03/16/2005
SU4FSS037	Lead-210	1.31	PCI/G	0.84			7.4	03/17/2005
SU4FSS038	Lead-210	0.94	PCI/G	0.52			7.4	03/16/2005
SU4FSS039	Lead-210	0.58	PCI/G	0.42			7.4	03/17/2005
SU4FSS040	Lead-210	2.59	PCI/G	0.97			7.4	03/16/2005
SU4FSS041	Lead-210	1.35	PCI/G	1.08			7.4	03/17/2005
SU4FSS042	Lead-210	1.38	PCI/G	0.70			7.4	04/11/2005
SU4FSS043	Lead-210	1.22	PCI/G	0.80			7.4	03/17/2005
SU4FSS044	Lead-210	1.50	PCI/G	0.56			7.4	03/16/2005
SU4FSS045	Lead-210	0.78	PCI/G	0.49			7.4	03/17/2005
SU4FSS046	Lead-210	1.21	PCI/G	0.59			7.4	03/17/2005
SU4FSS047	Lead-210	0.61	PCI/G	0.60			7.4	03/17/2005
SU4FSS048	Lead-210	1.49	PCI/G	0.83			7.4	03/16/2005
SU4FSS049	Lead-210	1.33	PCI/G	0.72			7.4	03/16/2005
SU4FSS050	Lead-210	1.17	PCI/G	0.74			7.4	03/16/2005
SU4FSS051	Lead-210	1.31	PCI/G	0.61			7.4	03/16/2005
SU4FSS052	Lead-210	1.11	PCI/G	0.88			7.4	04/11/2005
SU4FSS053	Lead-210	0.79	PCI/G	0.76			7.4	03/16/2005
SU4FSS054	Lead-210	1.13	PCI/G	0.71			7.4	03/17/2005
SU4FSS055	Lead-210	0.69	PCI/G	0.56			7.4	03/17/2005
SU4FSS056	Lead-210	0.90	PCI/G	0.55			7.4	03/16/2005
SU4FSS057	Lead-210	0.66	PCI/G	0.66	U		7.4	03/17/2005
SU4FSS058	Lead-210	1.38	PCI/G	0.70			7.4	03/16/2005
SU4FSS059	Lead-210	0.71	PCI/G	0.71	U		7.4	03/16/2005
SU4FSS060	Lead-210	0.69	PCI/G	0.69	U		7.4	03/17/2005
SU4FSS061	Lead-210	1.96	PCI/G	0.71			7.4	03/17/2005
SU4FSS062	Lead-210	1.76	PCI/G	1.07			7.4	03/17/2005
SU4FSS063	Lead-210	1.71	PCI/G	0.86			7.4	03/17/2005
SU4FSS064	Lead-210	1.36	PCI/G	0.73			7.4	03/17/2005
SU4FSS065	Lead-210	2.28	PCI/G	0.77			7.4	03/17/2005
SU4FSS066	Lead-210	5.61	PCI/G	1.79			7.4	03/17/2005
SU4FSS067	Lead-210	5.33	PCI/G	1.62			7.4	03/17/2005
SU4FSS068	Lead-210	3.05	PCI/G	0.73			7.4	04/11/2005
SU4FSS069	Lead-210	2.90	PCI/G	0.61			7.4	03/17/2005
SU4FSS070	Lead-210	0.78	PCI/G	0.61			7.4	03/17/2005
SU4FSS071	Lead-210	2.03	PCI/G	0.84			7.4	03/17/2005
SU4FSS072	Lead-210	4.08	PCI/G	0.85			7.4	03/17/2005
SU4FSS073	Lead-210	1.41	PCI/G	0.72			7.4	03/17/2005
SU4FSS074	Lead-210	2.87	PCI/G	0.92			7.4	03/17/2005
SU4FSS075	Lead-210	4.29	PCI/G	0.77			7.4	03/17/2005
SU4FSS076	Lead-210	4.32	PCI/G	0.87			7.4	03/17/2005
SU4FSS077	Lead-210	1.94	PCI/G	0.80			7.4	03/17/2005
SU4FSS078	Lead-210	1.16	PCI/G	0.52			7.4	03/17/2005
SU4FSS079	Lead-210	11.66	PCI/G	0.99			7.4	03/17/2005
SU4FSS080	Lead-210	1.86	PCI/G	0.71			7.4	03/17/2005
SU4FSS081	Lead-210	1.19	PCI/G	0.60			7.4	03/17/2005
SU4FSS082	Lead-210	2.45	PCI/G	0.61			7.4	03/17/2005
SU4FSS083	Lead-210	1.91	PCI/G	0.76			7.4	03/17/2005
SU4FSS084	Lead-210	1.96	PCI/G	0.66			7.4	03/17/2005

Table 11: Pb-210 Verification Results

(shaded are > CO and < HS)

Location	Analyte	Result	Units	DL	LQ	DQ	CO	Date Collected
SU4FSS085	Lead-210	0.76	PCI/G	0.38			7.4	03/17/2005
SU4FSS086	Lead-210	0.61	PCI/G	0.44			7.4	03/17/2005
SU4FSS087	Lead-210	4.07	PCI/G	0.90			7.4	03/17/2005
SU4FSS088	Lead-210	0.80	PCI/G	0.68			7.4	03/17/2005
SU4FSS089	Lead-210	1.56	PCI/G	0.64			7.4	03/17/2005
SU4FSS090	Lead-210	0.85	PCI/G	0.46			7.4	03/17/2005
SU4FSS091	Lead-210	0.99	PCI/G	0.92			7.4	03/17/2005
SU4FSS092	Lead-210	0.77	PCI/G	0.57			7.4	03/17/2005
	STD DEV	1.29						

U: not detected
J: estimated
CO: cleanup objective
DL: detection limit
LQ: lab qualifier
DQ: data qualifier

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APPENDIX C

EXCERPT FROM POST-EX SUD

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Survey Unit Design (SUD)

Project: **PRS 67, 41 Ditch & PRS 363; Open Drainage Ditch**

Note: the 41 Ditch verification is not included herein and will be presented in the PRS 441 Pre-Ex SUD.

Review & Approval

Project Engineer: Karen Arthur _____

Reviewer: James Fontaine _____ 12/5/05

Reviewer: _____

Note: Verification samples were collected prior to approval of this Post-Ex SUD (Deviation from Standard VSAP), per Core Team approval, to facilitate the closure schedule.

document	Title
Fact Sheet	PRSs 67, 68, 69, & 70: Site Stormwater Drainage System; March 2004
RP	Site Stormwater Drainage System Removal Plan, Final, August 2004
WP	PRS 67, 41 Ditch, & PRS 363; Open Drainage Ditch ER/ST-04-012
VSAP	Standard Verification Sampling & Analysis Plan, Final, August 2004
Changes from Pre-Ex SUD:	
Fact Sheet	PRS 363- Plutonium-238 - Contaminated Area, Public Review Draft, September 2004

☐ **Pre-Excavation** or X **Post-Excavation**?

Summary of Changes (for Post-Excavation SUDs ONLY) (see following pages for details)	YES	NO	Comment
1. Did the COC(s) change?	x		See Item 3a
2. Did the grid size or N change?	x		See Item 6a
3. Did the classification change?		x	
4. Were bias/judgmental samples collected?	x		See Table 1 of Appendix II
5. Other significant change?		x	

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SUD Worksheet

Item 1	Summary of historic **information** relevant to SU: In general, systematic isolation of various segments of the Storm Drainage System (starting at the Asphalt pond), draining the isolated segments, sampling, removal of contaminated sediments or soil areas was accomplished. Contaminated soil in a portion of the area represented by the PRSs in the Work Plan has been previously remediated by the old D&D Group (area associated with the Waste Transfer System lines crossing the drainage ditch. Once the prerequisite planning and required preparations are complete, the actual removal will be performed with periodic verification and backfilling as the removal proceeds. Generally speaking, each phase will be completed or at least in transition prior to starting the next, although the project retains the authority to alter the sequencing if the situation warrants. The plan is to place all facets of the Storm Drainage System back into service upon completion of verification sampling. Most of the planned remediation projects, which supply storm water to this system, will be nearing completion and present a low possibility for recontamination. Those areas, which are not complete, will require monitoring of potential contamination sources and the appropriate storm water pollution prevention plans must be implemented to guard against cross-contamination/re-contamination. The Removal Plan identifies those prerequisite tasks to be done by others and provides instructions for work presented in Attachment A and B to the Removal Plan. Any risks or safety concerns are also noted; however, detailed task-by-task work instructions for work and health and safety is more fully addressed in the Work Package (Detailed Work Instructions) and the associated JSHA.
Item 2	Summary of historic **data** relevant to SU: The depth of contamination varies from the surface to a maximum of about 6 feet within the PRSs. Concentrations of Pu-238, the dominate radiological COC above CO (55 pCi/g), varied from non-detects to a maximum of 1198 pCi/g.. The other listed radiological COCs found to be above COs were Pb-210 (one location at 34.95 pCi/g), Th-228 (at two locations with the maximum being 4.08 pCi/g), and Th-232 (at two locations with the maximum being 3.39 pCi/g). The listed chemical COC for PRS 67 is benzo(a)pyrene. The maximum sediment sample result was 8.0 mg/kg and the CO is 4.8 mg/kg. Benzo(a)pyrene is present in urban environments as a result of incomplete combustion in motor vehicles and is a component of asphalt based products. One sample result located at the discharge pipe from the asphalt pond (PRS 68) was above the CO. It should be noted that the result is below the maximum seen in the Miami-Erie Canal background levels (Dec. 2002). Because benzo(a)pyrene is a component of asphalt based products and incomplete combustion, it is expected to be found in PRS 67 which conveys drainage from asphalt surfaces (i.e., roads and an asphalt pond). Accordingly, benzo(a)pyrene should not be considered a COC however, a bias sample will be taken at the aforementioned location following remedial activities in this area. Historic and RASS sampling (during the removal action) are depicted and listed in Attachment A.
	Changes from Pre-Ex SUD: A bias sample was collected and analyzed for benzo(a)pyrene per the Pre-Ex SUD. The result of 390 ug/kg is well below the CO of 4,080 ug/kg. Therefore, benzo(a)pyrene will not be considered a COC.

Item 3a

COC	BASIS	(pCi/g) CO	HS	MAX	Offsite Analysis & Compendium Method: gamma (A-015)	Iso Pu (A-012)	Iso Th (A-012)	Iso U (A-012)
Pu-238	Public Fact Sheet for PRSs 67, 68, 69, & 70: Site Stormwater Drainage System; Public Fact Sheet for PRS 363; Public Fact Sheet for PRS 41	55	165.13	1198		X		
Pb-210	Additional sampling event conducted October 25, 2004	7.4	19.8	34.95	X			
Th-228	Additional sampling event conducted October 25, 2004	2.6	4.8	4.08			X	
Th-232	Additional sampling event conducted October 25, 2004	2.1	3.5	3.39			X	

Analyses are to be performed per Mound Methods Compendium and COs (for surface samples/analysis i.e., bedrock, asphalt, concrete) as applicable. Compendium Method A-012 is Isotopic Uranium, Isotopic Plutonium, and Isotopic Thorium by Alpha Spectrometry and Compendium Method A-015 is Gamma Spectrometry. Surface samples/analysis are to be in accordance with MD-80036 OP 30005, 30007, and 30040. Hard surfaces will be swiped and gross alpha and beta measurements will be performed and compared to the most restrictive COC in Mound 2000 Work Plan Appendix A Table 1 (NUREG 1.86 Regulatory Guide). If the location fails to meet the most restrictive criteria then it will be sent to alpha spec for determination of the COC so the applicable, instead of the most restrictive, criteria can be applied.

Based on regulator concern about Th-230 not being a COC in PRS 67, but being a COC in remediation efforts in areas up gradient from PRS 67, RASS data of the material removed will be provided with the Post-Excavation SUD which will then be used to update the COC list, as appropriate.

Changes if any, from Pre-exc SUD: All samples will be analyzed onsite by gamma spec to address the Pb-210 concern. Use of onsite long count gamma spec analysis (Deviation from Standard VSAP) was approved by the Core Team.

RASS data of the material removed indicated that Th-230 and Ra-226 were the only additional COC present at unacceptable levels and therefore was added as a COC. In lieu of providing the RASS data per item 3a above, final verification data will be provided in the Data Report to document the cleanup criteria for Th-230 have been met.

Clarification: PRS 363 COC is Pu-238 only.

COC	BASIS	(pCi/g) CO	HS	MAX	Offsite Analysis & Compendium Method: gamma (A-015)	Iso Pu (A-012)	Iso Th (A-012)	Iso U (A-012)
Ra-226	RASS sample results	2.9	4.7	>2.9	Onsite X			
Th-230	RASS sample results	2.8	4.6	8.2			X	

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Item 3b	Chem basis for std dev, AM COCs/New COCs	See Item 2

Item 4	Classify Areas & provide justification	Selection	Class	Scan Coverage guidelines
	The Areas are classified as Class 1 due to remedial actions to be performed within the areas to address known contamination and due to the potential for radioactive contamination to be present outside of the remediated areas. Note: Given the geometry of the SUs it is not physically possible to achieve 100% scan coverage, therefore, a best effort will be given utilizing the standard VSAP, Final, August 2004, Section 4.4 Special Considerations. Surrogate sampling in lieu of scanning is planned for SU2 and SU3.	X	1	100%
			2	10-90%
			3	Judgmental

Changes if any, from Pre-exc SUD: NONE

Item 5		
	Subdivide areas into SUs See Attachment A for Data See Attachment B for SUs	This SUD consists of five SUs: SU1 is behind the historical location of Building 22 and is a remediated area of approximately 5,790 sq. ft. SU2 encompasses the location from item 3.1 (approximately 25 feet by 25 feet) and one location from item 3.6 (approximately four feet by four feet) from the Work Package. The total area is approximately 9,956 sq. ft. SU3 encompasses two locations from item 3.6 (each approximately four foot by four foot) from the Work Package. The total area is approximately 17,081 sq. ft. and includes PRS 363. SU4 encompasses five locations from item 3.6 (each approximately four foot by four foot) from the Work Package. The total area is approximately 18,193 sq. ft. SU5 encompasses the location of item 3.12 (approximately 45 foot by 120 foot) from the Work Package. The total area is approximately 15,607 sq. ft. and includes PRS 41 Ditch.

Changes if any, from Pre-exc SUD:

PRS 363 was excavated and verified apart from SU3. Excavation and verification of sample location 12N15, which is located in PRS 363, took place before excavation and verification of any of the SUs included in this Post-Ex SUD.

SU2 and SU3 were sampled and remediated. Results above CO were excavated and chased, resulting in a total excavated area of 13,762 square feet; which was removed from SU2 and SU3 and subsequently identified as SU6, see Figure 5. SU6 was verified per agreement of the Core Team.

Sampling results for the western portion of SU4 will be addressed/verified as part of the PRS 441 SUD as shown on Figure 4.

SU5 was not sampled and will be verified as part of the PRS 441 SUD.

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Item	
6a	Calculations / Rad

1. Calculate the (s) for each COC listed in Item 3a above: See Attachment B.
2. Number of Samples (N): See Attachment B.

Spreadsheet Calculated = 12 samples based upon the data for all five SUs.

SU1 Scanning MDC (Area Factor) corrected = 198 samples, SU2 Scanning MDC (Area Factor) corrected = 341 samples

SU3 Scanning MDC (Area Factor) corrected = 586 samples, SU4 Scanning MDC (Area Factor) corrected = 624 samples

SU5 Scanning MDC (Area Factor) corrected = 535 samples

Visual Sample Plan (VSP) 15 foot triangular grid:

SU1 Calculated = 30 Selected Samples (on Map) = **31**, SU2 Calculated = 52 Selected Samples (on Map) = **51**

SU3 Calculated = 88 Selected Samples (on Map) = **92**, SU4 Calculated = 94 Selected Samples (on Map) = **96**

SU5 Calculated = 81 Selected Samples (on Map) = **81**

The determination of the number of samples is consistent with section 3.7 of the standard VSAP, which provides a default grid spacing for SUs where PU-238 is the primary driver in the removal action.

Sample locations were selected by VSP with sampling goals of finding a Hot Spot utilizing a 15-foot triangular grid with a random starting point. Additional samples (bias) were chosen via judgmental sampling. Sample locations will be surveyed at the time of sampling or closely following.

A total of 351 sample locations will be assessed.

Note: Due to safety concerns of placing an individual in the excavation, FSS side wall sampling will be accomplished by scraping the sidewall with an excavator bucket and subsequent sampling of the material in the bucket in accordance with the procedures established the standard VSAP, Final, August 2004, Section 4.4 Special Considerations.

Changes if any, from Pre-exc SUD:

The SU6 spreadsheet, and revised SU2, SU3, and SU4 spreadsheets are in Appendix II.

Item		
6b	Calculations/Chem, Std dev, Number of Samples	See Item 2

Changes if any, from Pre-exc SUD: See changes from Pre-Ex SUD for Item 2.

Item		
7	Grid spacing	From Attachment B. Triangular 15 foot grid, as laid out by Visual Sample Plan.

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	Changes if any, from Pre-exc SUD: NONE	
Item 8	QA/QC: 1/20 via field duplicate in accordance with Mound Methods Compendium. Q-002 Chain-of-Custody Procedures Q-003 Documentation Requirements Q-004 Laboratory Data Reduction Q-006 Validation of Laboratory Data Packages Q-007 Data Assessment Q-008 Data Integrity Verification Q-010 Electronic Data Deliverable Format Specifications – MEIMS Std. ... S-001 General Instructions for Field Personnel S-002 Soil Sampling With a Spade and Scoop S-028 Sample Control and Documentation S-029 Guide to Handling, Packaging, and Shipping of Samples and Method Q-002	
Item 9	Bias/judgement samples (Additional bias samples are always within the discretion of the EPA.)	Bias samples have been chosen at the locations of small removal areas (e.g., Work Package item 3.6 dig areas) and are denoted by "Type" = "Manual" on the page that provides the sample location coordinates in Attachment B.

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Item 10 Not otherwise covered.../ comments

Site policy requires performance of onsite soil screening (NaI or germanium) on verification samples slated for offsite analysis and evaluation of the results prior to shipment. This analysis will generally be performed on a split of the verification sample containerized in an EPA dish (approximately 500 mL) but may be performed on the actual verification sample as long as containerization requirements are maintained for the offsite lab. Count time of the analysis will be sufficient to meet the cleanup objectives (COs) of the contaminants of concern (COCs) requiring verification.

If there is an insufficient volume of material to fill an EPA dish within a 1m x 1m square centered on the proposed sample location, due to bedrock or obstruction (such as a structure, foundation, concrete, pavement/asphalt, large rock formations, utility bank, etc. which is not to be removed), then sediment/soil analysis will not be performed. In lieu of a sediment/soil analysis result, RadCon will survey the surface per COs and provide documentation thereof in an RSDS. Potentially impacted work area atop the excavation, where excavated sediment/material was loaded into haulers, and are not hard surfaces (e.g., concrete and asphalt) will be shown within the appropriate SU on the Post-Excavation SUD. Potentially impacted work area atop the excavation, where excavated materials were loaded into haulers, and are hard surfaces (e.g., concrete and asphalt) will be surveyed and released per RadCon procedures. The RSDS(s) will be included as documentation. Any final sample location that does not meet the surface release criteria will be submitted to the Core Team for concurrence or determination of further action.

Accessibility for sampling is a constraining factor. Sampling of the excavation walls may be impeded due to excavation wall accessibility by both personnel and equipment. Sidewall sampling will be performed via excavator sampling. Accessibility to the excavation floor by personnel may be impeded due to the width of the excavation not being sufficient to use a man-box for access. Where sufficient volume of soil exists and is accessible with an excavator a soil sample will be taken otherwise a surface survey (swipe and direct) will be performed utilizing methods available from atop the excavation. Potentially impacted work area atop the excavation, where excavated materials were loaded into haulers, and are not hard surfaces (i.e., concrete and asphalt) are shown as part of the SU. Potentially impacted work area atop the excavation, where excavated materials were loaded into haulers, and are hard surfaces (i.e., concrete and asphalt) will be surveyed and released per RadCon procedures in accordance **with DOE Order 5400.5 and Mound 2000 Work Plan Appendix A Table 1**.

In-process sampling events (Characterization and Remedial Action Support Survey (RASS) samples) will be conducted during the entire PRS remediation. Those samples will undergo gamma spectrometry analysis to guide actions. RASS sampling of the remediated areas were used to determine if the FSS (verification) sampling could be conducted. For SU2 and SU3 scanning will be accomplished via surrogate sampling on a 15 foot triangular grid which is offset from the final status survey grid coordinates by 7.5 feet easting (15/2) and 6.495 feet northing ((15*0.866)/2). If a value is observed to be above the CO the area will be excavated to "clean" sampling locations and then re-sampled. See Attachment C for surrogate sampling location information.

The SUs will be laid out and walked down prior to the approval of the Post-Excavation SUD. At this time any changes due to bank or stream location considerations will be investigated, negotiated, and incorporated.

The plan is to place all facets of the Storm Drainage System back into service upon completion of verification sampling. Most of the plant remediation projects, which supply storm water to this system, will be nearing completion and present a low possibility for recontamination. Those areas, which are not complete, will require monitoring of potential contamination sources and the appropriate storm water pollution prevention measures/plans must be put in place to guard against cross-contamination.

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APPENDIX D

RSDSs

RSDSs: Obstruction swipe/directs for Scan Surrogate locations PRS67-029, 30, & 33 and final verification obstruction locations SU2FSS019, SU2FSS020, SU2FSS021 RSDSs

RADIOLOGICAL SURVEY DATA SHEET

LOCATION: (BLDG./AREA/ROOM) PRS - 67	SURVEY NO. 05 -ER- 176
PURPOSE: FIDLER SCAN, DIRECT READINGS TAKEN AT SAMPLE POINTS #29, 34, 33 DUE TO GRAVEL AND CONCRETE ROADWAY.	RWP NO. NA
	DATE: 1-29-05
	TIME: 0830 hrs

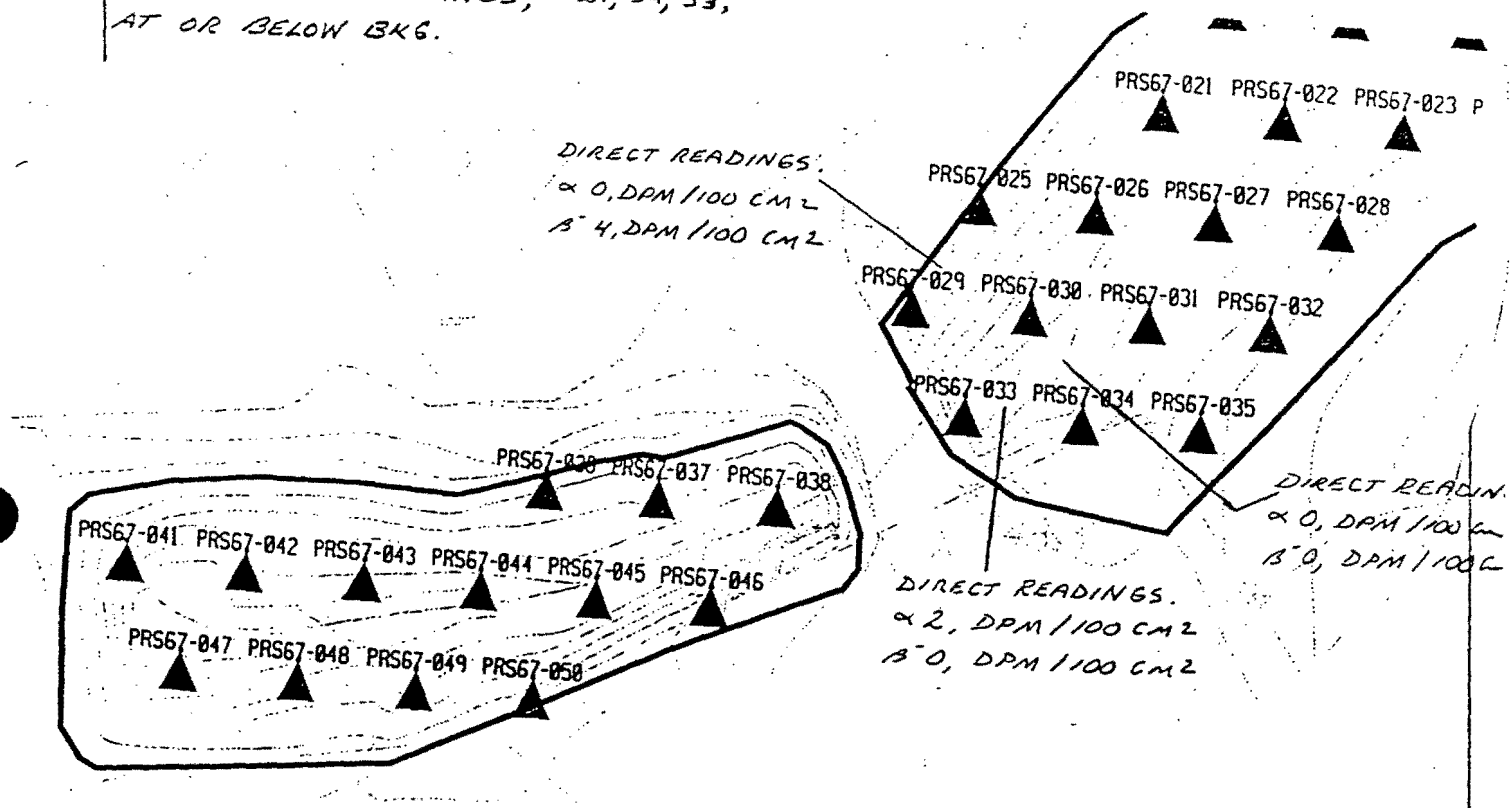
The Bicron FIDLER or Sodium Iodine is used as an indicator only:

N/A = not applicable N/D = Non detectable

MAP/DRAWING

COPY

BICRON FIDLER: BKG 150 CPM, Ch-1 PU. 6K CPM Ch-OUT TH. ALL SURFACE READINGS, #29, 34, 33, AT OR BELOW BKG.



LEGEND:

= mrem/hr (γ) whole body

E = mrem/hr (β+n+γ) extremity on contact

△# = mrem/hr neutron

[#] = air sample number

(#) = swipe number

(# /α) or /β = direct contamination measurement in dpm/100cm2

INSTRUMENTS USED

Instrument	Serial Number	Cal. Due Date
2360	5704-5714	10-21-05
3030	5746	5-25-05
Bicron FIDLER/NaI	3763-3996	9-9-05
A	A	A
N	N	N

[redacted]	HP# 5344	Date 1-29-05
[redacted]		
[redacted]	HP# 5349	Date 1-29-05
[redacted]		
Reviewed/Approv[redacted]	HP# 7348	Date 3/22/05
Reviewed/Approved by: (Print) [redacted]		

ML-9620 (2/98)

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COPY

Survey No. 05-EX-176

RADIOLOGICAL SURVEY DATA SHEET (cont.)

Removable Contamination				
Swipes (dpm/100cm²)				
Sample #	β/γ	Alpha	Tritium	Comments
1	2	0	NA	PRS-67-029 3/22/02
2	0	0	NA	PRS-67-033 1330
3	0	0	NA	PRS-67-034

Removable Contamination				
Swipes (dpm/100cm²)				
Sample #	β/γ	Alpha	Tritium	Comments

COMMENTS:

NOTES:

1. See MD-80036 10002 for calculations of WB, extremity and skin dose rates.
2. To request RO Count Room analysis for β/γ, alpha or tritium, leave column blank. Mark column N/A if not needed. If count room printout of results are attached, write "see attached" in column.
3. Annotate special sample type (e.g., soil, water), special identifiers or otherwise in Comments. If not needed, mark N/A.

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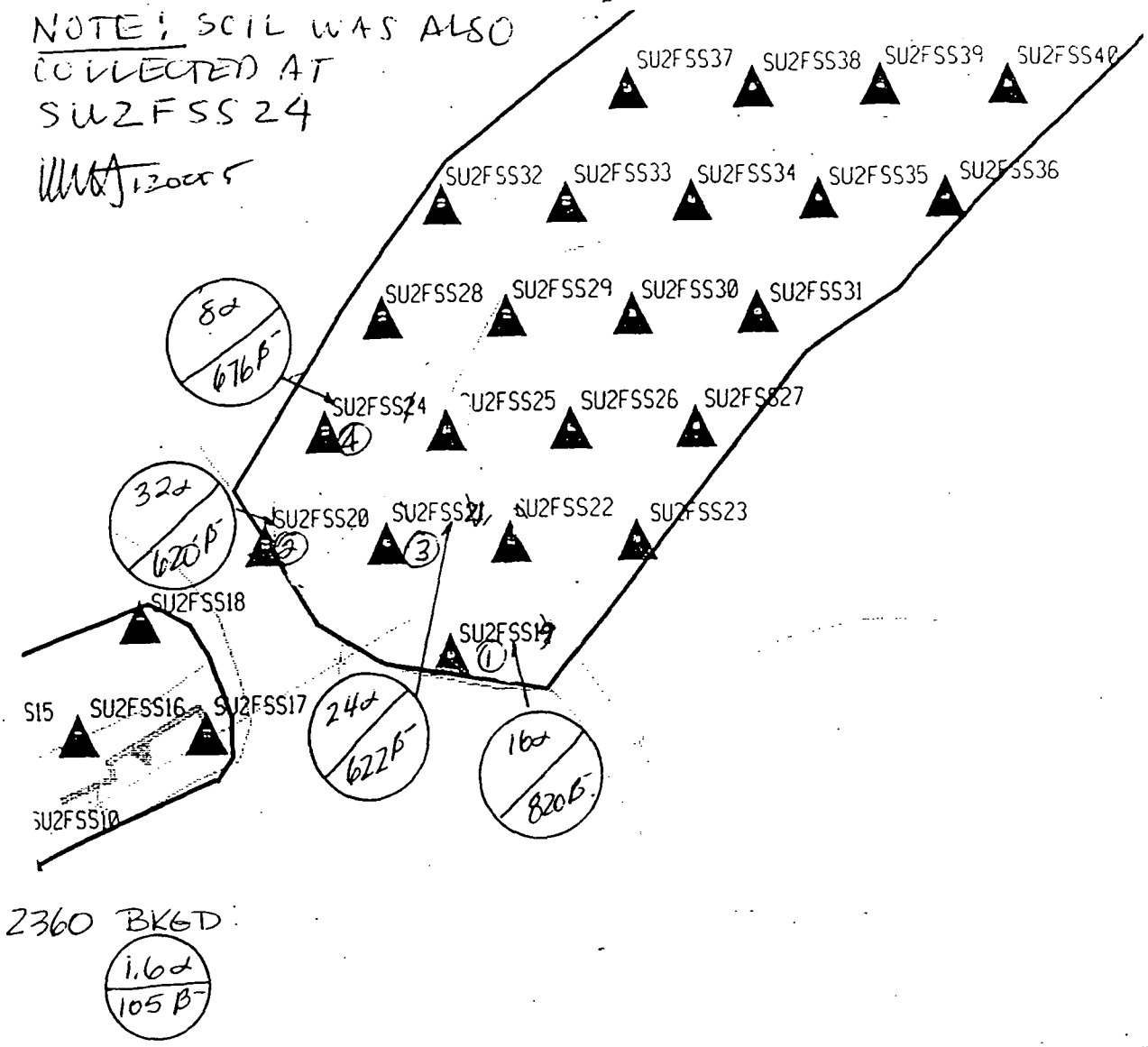
RADIOLOGICAL SURVEY DATA SHEET

LOCATION: (BLDG. / ROOM / AREA) PRS-67	SURVEY NO. 05-ER-0208
PURPOSE: WIPES & DIRECTS	RWP NO. N/A
	DATE: 4/6/05
	TIME: 1100

MAP / DRAWING

NOTE: SOIL WAS ALSO COLLECTED AT SU2FSS24

[illegible] 12005



2360 BKGD

1.6α / 105β⁻

LEGEND:
= mrem/hr (γ) whole body
#E = mrem/hr (β+η+γ) extremity on contact
K = factor of 1000
— · — · — = radiological boundary
= mrem/hr neutron
= swipe number
= air sample number
#/α or /β = direct contamination measurement in dpm/100 cm²

INSTRUMENTS USED

Instrument	Serial Number	Cal. Due Date
2360	5689/5725	2/24/06
3030	5827	12/1/05
	N/A	

Compl[redacted]	[redacted]	HP# 3436	Date: 4/6/05
Compl[redacted]			
Counte[redacted]	[redacted]	HP# 3436	Date: 4/6/05
Counte[redacted]			
Review[redacted]	[redacted]	HP# [illegible]	Date: 4/6/05
Reviewed/Approved by: (Print Name [redacted]			

A165/269 ~~#169~~

Survey No. 05-ER-0208

RADIOLOGICAL SURVEY DATA SHEET (cont.)

Removable Contamination				
Swipes (dpm/100cm²)				
Sample #	β/γ	Alpha	N/A	Comments
1	40	0		SU2FSS19
2	22	0		SU2FSS20
3	70	0		SU2FSS21
4	40	0		SU2FSS24

N/A

Removable Contamination				
Swipes (dpm/100cm²)				
Sample #	β/γ	Alpha		Comments

N/A

COMMENTS: 3030#5827 ~~ALPHA~~ BKG: 0.0 CT. 0.5 DL: 0.0 MDA: 15.0
~~BETA~~ BKG: 25.2 CT. 0.5 UL: 40.0 MDA: 96.0
ALL UNITS IN DPM

NOTES:
1. See MD-80036 10002 for calculations of WB, extremity and skin dose rates.
2. To request RO Count Room analysis for β/γ, alpha or tritium, leave column blank. Mark column N/A if not needed. If count room printout of results are attached, write "see attached" in column.
3. Annotate special sample type (e.g., soil, water), special identifiers or otherwise in Comments. If needed, mark N/A.

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~~II 170~~
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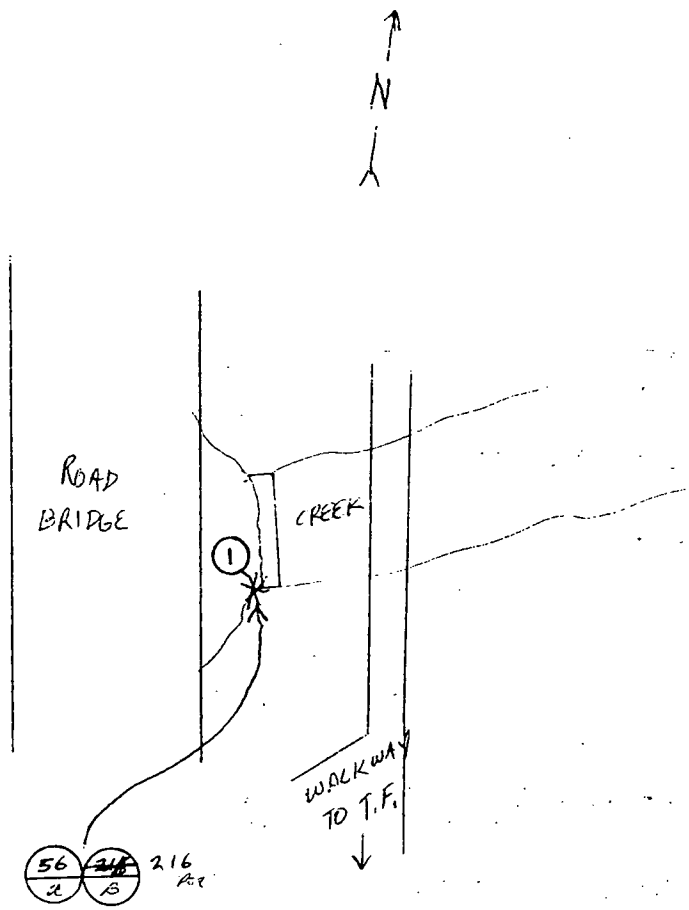
RADIOLOGICAL SURVEY DATA SHEET

LOCATION: (BLDG./AREA/ROOM) PRS 67	SURVEY NO. 05 ER 696
PURPOSE: CHARACTERIZATION OF SCR 250	RWP NO. N/A
	DATE: 11 03 05
	TIME: 1030

MAP/DRAWING



2360 SPECIFICATIONS:

alpha - BKG = 2 cpm ; DL = 1.8 cpm

BETA - BKG = 153 cpm ; DL = 20 cpm

COPY

LEGEND: # = mrem/hr (γ) whole body
#E = mrem/hr (β+η+γ) extremity on contact
△# = mrem/hr neutron
□# = air sample number
(#) = swipe number
(#/α) or/β = direct cont. measurement in dpm/100cm²

INSTRUMENTS USED

Instrument	Serial Number	Cal. Due Date
2360	5692/5719	01 05 06
3030	5822	07 19 06
	N A	

[redacted]	HP # 4992	DATE: 11 03 05
	HP # 4992	DATE: 11 03 05
	HP # 7348	DATE: 11 7 05

Reviewed/Approved by: (Print Name) [redacted]

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Survey No. 05 ER 696

RADIOLOGICAL SURVEY DATA SHEET (cont.)

Removable Contamination			
Swipes (dpm/100cm²)			
Sample #	β/γ	Alpha	Comments
1	< DL	0	ASPHALT
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			

Removable Contamination			
Swipes (dpm/100cm²)			
Sample #	β/γ	Alpha	Comments
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			

N/A

COPY

COMMENTS:	3030 # 5822	alpha	Bkg 0.0	Ct 0.5	DL 0.0	MDA 15.3
		Beta	Bkg 27.0	Ct 0.5	DL 39.8	MDA 95.4

NOTES:

1. See MD-80036 10002 for calculations of WB, extremity and skin dose rates.
2. To request RO Count Room analysis for β/γ, alpha or tritium, leave column blank. Mark column N/A if not needed. If count room printout of results are attached, write "see attached" in column.
3. Annotate special sample type (e.g., soil, water), special identifiers or otherwise in Comments. If not needed, mark N/A.

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APPENDIX E

STATISTICAL INFORMATION

Spreadsheets (includes recalculation of N):

SU1 Revised Spreadsheet
SU2 Revised Spreadsheet
SU3 Revised Spreadsheet
SU4 Revised Spreadsheet
SU6 Spreadsheet

95% UCL for SU2/Pu-238, SU3/Pb-210, SU4/Pb-210, SU4/Ra-226, SU6/Pu-238

Sign Test for SU2/Pu-238, SU3/Pb-210, SU4/Pb-210, SU4/Ra-226, SU6/Pu-238

Retro Curves for SUs1-4 and SU6

Sample Standard Deviation (s)	Radionuclide	Cleanup Objective	Units
	Ac-227+D	4.6	(pCi/g)
	Am-241	63	(pCi/g)
	Ce-141	38	(pCi/g)
	Cs-137+D	3.8	(pCi/g)
	Co-60	0.7	(pCi/g)
	Cu-244	92	(pCi/g)
1.29	Pb-210+D	7.4	(pCi/g)
	Np-237+D	10.4	(pCi/g)
	Ni-95	2.5	(pCi/g)
16.07	Pu-238	55	(pCi/g)
	Pu-239/240	62	(pCi/g)
	Pa-231+D	4	(pCi/g)
0.59	Ra-226+D	2.9	(pCi/g)
	Ra-228	2.1	(pCi/g)
0.32	Th-228+D	2.6	(pCi/g)
0.27	Th-230+D	2.8	(pCi/g)
0.25	Th-232+D	2.1	(pCi/g)
	U-233+D	4.8	(pCi/g)
	U-234	106.1	(pCi/g)
	U-234+D	2	(pCi/g)
	U-235	16.11	(pCi/g)
	U-235+D	3.2	(pCi/g)
	U-238	121.2	(pCi/g)
	U-238+D	2.2	(pCi/g)
	Bi-207	1.2	(pCi/g)
	Bi-210m	8.3	(pCi/g)
	Tc-99	2140	(pCi/g)
	Sr-90	94.72	(pCi/g)

Type I Error	0.05		
$Z_{1\text{-alpha}}$	1.645		
Type II Error	0.2		
$Z_{1\text{-beta}}$	0.842		
Effective	0.44	*(s)*	
Sign p	0.864334		

Calculate the Total Effective (s)

Estimate (N) - Sign Test

DCGL	1
LBGR	0.50
Delta	0.50
(s)	0.44
Rel Shift	1.130
(N)	15.00

Area Factor adjusted (N) 206

Sample Grid Spacing

SU Area	557	m^2	SU Area	5,995	ft^2
Grid Length	5.7	m	Grid Length	18.6	ft
Grid Height	4.9	m	Grid Height	16.1	ft

PRS	67	**Survey Unit**	1

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Sample Standard Deviation (s)	Radionuclide	Cleanup Objective	Units
	Ac-227+D	4.6	(pCi/g)
	Am-241	63	(pCi/g)
	Ce-141	38	(pCi/g)
	Cs-137+D	3.8	(pCi/g)
	Co-60	0.7	(pCi/g)
	Cu-244	92	(pCi/g)
1.29	Pb-210+D	7.4	(pCi/g)
	Np-237+D	10.4	(pCi/g)
	Ni-95	2.5	(pCi/g)
16.07	Pu-238	55	(pCi/g)
	Pu-239/240	62	(pCi/g)
	Pa-231+D	4	(pCi/g)
0.59	Ra-226+D	2.9	(pCi/g)
	Ra-228	2.1	(pCi/g)
0.32	Th-228+D	2.6	(pCi/g)
0.27	Th-230+D	2.8	(pCi/g)
0.25	Th-232+D	2.1	(pCi/g)
	U-233+D	4.8	(pCi/g)
	U-234	106.1	(pCi/g)
	U-234+D	2	(pCi/g)
	U-235	16.11	(pCi/g)
	U-235+D	3.2	(pCi/g)
	U-238	121.2	(pCi/g)
	U-238+D	2.2	(pCi/g)
	Bi-207	1.2	(pCi/g)
	Bi-210m	8.3	(pCi/g)
	Tc-99	2140	(pCi/g)
	Sr-90	94.72	(pCi/g)

Type I Error	0.05		
$Z_{1\text{-alpha}}$	1.645		
Type II Error	0.2		
$Z_{1\text{-beta}}$	0.842		
Effective	0.44	(s)	
Sign p	0.864334		

Calculate the Total Effective (s)

Estimate (N) - Sign Test

DCGL	1
LBGR	0.50
Delta	0.50
(s)	0.44
Rel Shift	1.130
(N)	15.00

Area Factor adjusted (N) 214

Sample Grid Spacing

SU Area	579	m^2	SU Area	6,231	ft^2
Grid Length	5.8	m	Grid Length	19.0	ft
Grid Height	5.0	m	Grid Height	16.4	ft

PRS	67	Survey Unit	2

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Sample Standard Deviation (s)	Radionuclide	Cleanup Objective	Units
	Ac-227+D	4.6	(pCi/g)
	Am-241	63	(pCi/g)
	Ce-141	38	(pCi/g)
	Cs-137+D	3.8	(pCi/g)
	Co-60	0.7	(pCi/g)
	Cu-244	92	(pCi/g)
1.29	Pb-210+D	7.4	(pCi/g)
	Np-237+D	10.4	(pCi/g)
	Ni-95	2.5	(pCi/g)
16.07	Pu-238	55	(pCi/g)
	Pu-239/240	62	(pCi/g)
	Pa-231+D	4	(pCi/g)
0.59	Ra-226+D	2.9	(pCi/g)
	Ra-228	2.1	(pCi/g)
0.32	Th-228+D	2.6	(pCi/g)
0.27	Th-230+D	2.8	(pCi/g)
0.25	Th-232+D	2.1	(pCi/g)
	U-233+D	4.8	(pCi/g)
	U-234	106.1	(pCi/g)
	U-234+D	2	(pCi/g)
	U-235	16.11	(pCi/g)
	U-235+D	3.2	(pCi/g)
	U-238	121.2	(pCi/g)
	U-238+D	2.2	(pCi/g)
	Bi-207	1.2	(pCi/g)
	Bi-210m	8.3	(pCi/g)
	Tc-99	2140	(pCi/g)
	Sr-90	94.72	(pCi/g)

Type I Error	0.05		
$Z_{1\text{-alpha}}$	1.645		
Type II Error	0.2		
$Z_{1\text{-beta}}$	0.842		
Effective	0.44 (s)		
Sign p	0.864334		

Calculate the Total Effective (s)

Estimate (N) - Sign Test

DCGL	1
LBGR	0.50
Delta	0.50
(s)	0.44
Rel Shift	1.130
(N)	15.00

Area Factor adjusted (N) 318

Sample Grid Spacing

SU Area	861	m^2	SU Area	9,272	ft^2
Grid Length	7.1	m	Grid Length	23.1	ft
Grid Height	6.1	m	Grid Height	20.0	ft

PRS	67	**Survey Unit**	3

A172/269

Sample Standard Deviation (s)	Radionuclide	Cleanup Objective	Units
	Ac-227+D	4.6	(pCi/g)
	Am-241	63	(pCi/g)
	Ce-141	38	(pCi/g)
	Cs-137+D	3.8	(pCi/g)
	Co-60	0.7	(pCi/g)
	Cu-244	92	(pCi/g)
1.29	Pb-210+D	7.4	(pCi/g)
	Np-237+D	10.4	(pCi/g)
	Ni-95	2.5	(pCi/g)
16.07	Pu-238	55	(pCi/g)
	Pu-239/240	62	(pCi/g)
	Pa-231+D	4	(pCi/g)
0.59	Ra-226+D	2.9	(pCi/g)
	Ra-228	2.1	(pCi/g)
0.32	Th-228+D	2.6	(pCi/g)
0.27	Th-230+D	2.8	(pCi/g)
0.25	Th-232+D	2.1	(pCi/g)
	U-233+D	4.8	(pCi/g)
	U-234	106.1	(pCi/g)
	U-234+D	2	(pCi/g)
	U-235	16.11	(pCi/g)
	U-235+D	3.2	(pCi/g)
	U-238	121.2	(pCi/g)
	U-238+D	2.2	(pCi/g)
	Bi-207	1.2	(pCi/g)
	Bi-210m	8.3	(pCi/g)
	Tc-99	2140	(pCi/g)
	Sr-90	94.72	(pCi/g)

Type I Error	0.05		
$Z_{1\text{-alpha}}$	1.645		
Type II Error	0.2		
$Z_{1\text{-beta}}$	0.842		
Effective	0.44 (s)		
Sign p	0.864334		

Calculate the Total Effective (s)

Estimate (N) - Sign Test

DCGL	1
LBGR	0.50
Delta	0.50
(s)	0.44
Rel Shift	1.130
(N)	15.00

Area Factor adjusted (N) 197

Sample Grid Spacing

SU Area	535	m^2	SU Area	5,754	ft^2
Grid Length	5.6	m	Grid Length	18.2	ft
Grid Height	4.8	m	Grid Height	15.8	ft

PRS	67	**Survey Unit**	4

A172/269

Sample Standard Deviation (s)	Radionuclide	Cleanup Objective	Units
	Ac-227+D	4.6	(pCi/g)
	Am-241	63	(pCi/g)
	Ce-141	38	(pCi/g)
	Cs-137+D	3.8	(pCi/g)
	Co-60	0.7	(pCi/g)
	Cu-244	92	(pCi/g)
1.29	Pb-210+D	7.4	(pCi/g)
	Np-237+D	10.4	(pCi/g)
	Ni-95	2.5	(pCi/g)
16.07	Pu-238	55	(pCi/g)
	Pu-239/240	62	(pCi/g)
	Pa-231+D	4	(pCi/g)
0.59	Ra-226+D	2.9	(pCi/g)
	Ra-228	2.1	(pCi/g)
0.32	Th-228+D	2.6	(pCi/g)
0.27	Th-230+D	2.8	(pCi/g)
0.25	Th-232+D	2.1	(pCi/g)
	U-233+D	4.8	(pCi/g)
	U-234	106.1	(pCi/g)
	U-234+D	2	(pCi/g)
	U-235	16.11	(pCi/g)
	U-235+D	3.2	(pCi/g)
	U-238	121.2	(pCi/g)
	U-238+D	2.2	(pCi/g)
	Bi-207	1.2	(pCi/g)
	Bi-210m	8.3	(pCi/g)
	Tc-99	2140	(pCi/g)
	Sr-90	94.72	(pCi/g)

Type I Error	0.05	*Estimate (N) - Sign Test*	
$Z_{1\text{-alpha}}$	1.645	DCGL	1
Type II Error	0.2	LBGR	0.50
$Z_{1\text{-beta}}$	0.842	Delta	0.50
		(s)	0.44
		Rel Shift	1.130
Effective	0.44 *(s)*	*(N)*	15.00
Sign p	0.864334		

Calculate the Total Effective (s)

Area Factor adjusted (N) 472

Sample Grid Spacing

SU Area	1,279	m^2	SU Area	13,762	ft^2
Grid Length	8.6	m	Grid Length	28.2	ft
Grid Height	7.4	m	Grid Height	24.4	ft

PRS	67	**Survey Unit**	6

A174/269

SU2 95% UCL for Pu-238

Data File

Variable: 1.76

Raw Statistics	
Number of Valid Samples	30
Number of Unique Samples	30
Minimum	0.24
Maximum	91
Mean	10.762
Median	5.985
Standard Deviation	16.92262
Variance	286.3751
Coefficient of Variation	1.572442
Skewness	3.968118

Gamma Statistics	
k hat	0.774092
k star (bias corrected)	0.718905
Theta hat	13.90274
Theta star	14.96999
nu hat	46.44552
nu star	43.13431
Approx.Chi Square Value (.05)	29.07262
Adjusted Level of Significance	0.041
Adjusted Chi Square Value	28.40623

Log-transformed Statistics	
Minimum of log data	-1.427116
Maximum of log data	4.51086
Mean of log data	1.60597
Standard Deviation of log data	1.362174
Variance of log data	1.855517

RECOMMENDATION

Data follow gamma distribution (0.05)

Use Approximate Gamma UCL

SU2 PASSED 95%UCL
for Pu-238 compared to CO of 55 pCi/g

Normal Distribution Test	
Shapiro-Wilk Test Statisitic	0.552649
Shapiro-Wilk 5% Critical Value	0.927
Data not normal at 5% significance level	

95% UCL (Assuming Normal Distribution)	
Student's-t UCL	16.01168

Gamma Distribution Test	
A-D Test Statistic	0.426519
A-D 5% Critical Value	0.786604
K-S Test Statistic	0.115832
K-S 5% Critical Value	0.166145
Data follow gamma distribution	
at 5% significance level	

95% UCLs (Assuming Gamma Distribution)	
Approximate Gamma UCL	**15.96731**
Adjusted Gamma UCL	16.34188

Lognormal Distribution Test	
Shapiro-Wilk Test Statisitic	0.968811
Shapiro-Wilk 5% Critical Value	0.927
Data are lognormal at 5% significance level	

95% UCLs (Assuming Lognormal Distribution)	
95% H-UCL	26.28679
95% Chebyshev (MVUE) UCL	27.85849
97.5% Chebyshev (MVUE) UCL	34.75325
99% Chebyshev (MVUE) UCL	48.29667

95% Non-parametric UCLs	
CLT UCL	15.844
Adj-CLT UCL (Adjusted for skewness)	18.23572
Mod-t UCL (Adjusted for skewness)	16.38474
Jackknife UCL	16.01168
Standard Bootstrap UCL	15.71293
Bootstrap-t UCL	22.25767
Hall's Bootstrap UCL	37.23938
Percentile Bootstrap UCL	16.29233
BCA Bootstrap UCL	19.41367
95% Chebyshev (Mean, Sd) UCL	24.2294
97.5% Chebyshev (Mean, Sd) UCL	30.05676
99% Chebyshev (Mean, Sd) UCL	41.50347

SU3 95% UCL for Pb-210

Data File

Variable: 4.17

Raw Statistics	
Number of Valid Samples	49
Number of Unique Samples	46
Minimum	0.68
Maximum	7.52
Mean	1.846939
Median	1.69
Standard Deviation	1.049979
Variance	1.102455
Coefficient of Variation	0.568497
Skewness	3.56803

Gamma Statistics	
k hat	5.105241
k star (bias corrected)	4.806281
Theta hat	0.361773
Theta star	0.384276
nu hat	500.3136
nu star	471.0155
Approx.Chi Square Value (.05)	421.6829
Adjusted Level of Significance	0.045102
Adjusted Chi Square Value	420.274

Log-transformed Statistics	
Minimum of log data	-0.385662
Maximum of log data	2.017566
Mean of log data	0.512406
Standard Deviation of log data	0.426481
Variance of log data	0.181886

RECOMMENDATION

Data are lognormal (0.05)

Use Student's-t UCL
Use Modified-t UCL
Use H-UCL

SU3 PASSED 95%UCL
for Pb-210 compared to CO of 7.4 pCi/g

Normal Distribution Test	
Shapiro-Wilk Test Statisitic	0.696905
Shapiro-Wilk 5% Critical Value	0.947
Data not normal at 5% significance level	

95% UCL (Assuming Normal Distribution)	
Student's-t UCL	**2.098517**

Gamma Distribution Test	
A-D Test Statistic	0.902615
A-D 5% Critical Value	0.753489
K-S Test Statistic	0.129206
K-S 5% Critical Value	0.126884
Data do not follow gamma distribution	
at 5% significance level	

95% UCLs (Assuming Gamma Distribution)	
Approximate Gamma UCL	2.063012
Adjusted Gamma UCL	2.069928

Lognormal Distribution Test	
Shapiro-Wilk Test Statisitic	0.961979
Shapiro-Wilk 5% Critical Value	0.947
Data are lognormal at 5% significance level	

95% UCLs (Assuming Lognormal Distribution)	
95% H-UCL	**2.046628**
95% Chebyshev (MVUE) UCL	2.327
97.5% Chebyshev (MVUE) UCL	2.544409
99% Chebyshev (MVUE) UCL	2.971468

95% Non-parametric UCLs	
CLT UCL	2.093662
Adj-CLT UCL (Adjusted for skewness)	2.175356
Mod-t UCL (Adjusted for skewness)	**2.11126**
Jackknife UCL	2.098517
Standard Bootstrap UCL	2.09012
Bootstrap-t UCL	2.242182
Hall's Bootstrap UCL	3.325869
Percentile Bootstrap UCL	2.123673
BCA Bootstrap UCL	2.198367
95% Chebyshev (Mean, Sd) UCL	2.50076
97.5% Chebyshev (Mean, Sd) UCL	2.783669
99% Chebyshev (Mean, Sd) UCL	3.339389

SU4 95% UCL for Pb-210

Data File

Variable: 2.29

Raw Statistics	
Number of Valid Samples	64
Number of Unique Samples	57
Minimum	0.58
Maximum	11.66
Mean	2.018594
Median	1.395
Standard Deviation	1.764681
Variance	3.114098
Coefficient of Variation	0.874213
Skewness	3.100317

Gamma Statistics	
k hat	2.203462
k star (bias corrected)	2.110591
Theta hat	0.916101
Theta star	0.956411
nu hat	282.0431
nu star	270.1557
Approx.Chi Square Value (.05)	233.0845
Adjusted Level of Significance	0.04625
Adjusted Chi Square Value	232.2955

Log-transformed Statistics	
Minimum of log data	-0.544727
Maximum of log data	2.456164
Mean of log data	0.458646
Standard Deviation of log data	0.663851
Variance of log data	0.440698

RECOMMENDATION

Data are lognormal (0.05)

Use H-UCL

SU4 PASSED 95%UCL for Pb-210 compared to CO of 7.4 pCi/g

Normal Distribution Test	
Lilliefors Test Statisitic	0.207475
Lilliefors 5% Critical Value	0.11075
Data not normal at 5% significance level	

95% UCL (Assuming Normal Distribution)	
Student's-t UCL	2.386839

Gamma Distribution Test	
A-D Test Statistic	1.409345
A-D 5% Critical Value	0.76201
K-S Test Statistic	0.122161
K-S 5% Critical Value	0.112665
Data do not follow gamma distribution at 5% significance level	

95% UCLs (Assuming Gamma Distribution)	
Approximate Gamma UCL	2.339643
Adjusted Gamma UCL	2.34759

Lognormal Distribution Test	
Lilliefors Test Statisitic	0.084424
Lilliefors 5% Critical Value	0.11075
Data are lognormal at 5% significance level	

95% UCLs (Assuming Lognormal Distribution)	
95% H-UCL	**2.325509**
95% Chebyshev (MVUE) UCL	2.737611
97.5% Chebyshev (MVUE) UCL	3.072479
99% Chebyshev (MVUE) UCL	3.730262

95% Non-parametric UCLs	
CLT UCL	2.381424
Adj-CLT UCL (Adjusted for skewness)	2.472766
Mod-t UCL (Adjusted for skewness)	2.401086
Jackknife UCL	2.386839
Standard Bootstrap UCL	2.369251
Bootstrap-t UCL	2.555357
Hall's Bootstrap UCL	2.660489
Percentile Bootstrap UCL	2.402656
BCA Bootstrap UCL	2.478281
95% Chebyshev (Mean, Sd) UCL	2.980102
97.5% Chebyshev (Mean, Sd) UCL	3.396147
99% Chebyshev (Mean, Sd) UCL	4.213388

SU4 95% UCL for Ra-226

Data File

Variable: 1.26

Raw Statistics	
Number of Valid Samples	64
Number of Unique Samples	57
Minimum	0.57
Maximum	3.91
Mean	1.630156
Median	1.46
Standard Deviation	0.694154
Variance	0.481849
Coefficient of Variation	0.42582
Skewness	1.255913

Gamma Statistics	
k hat	6.303887
k star (bias corrected)	6.018809
Theta hat	0.258595
Theta star	0.270844
nu hat	806.8975
nu star	770.4075
Approx.Chi Square Value (.05)	706.9853
Adjusted Level of Significance	0.04625
Adjusted Chi Square Value	705.5959

Log-transformed Statistics	
Minimum of log data	-0.562119
Maximum of log data	1.363537
Mean of log data	0.407268
Standard Deviation of log data	0.404287
Variance of log data	0.163448

RECOMMENDATION

Data follow gamma distribution (0.05)

Use Approximate Gamma UCL

Normal Distribution Test	
Lilliefors Test Statisitic	0.126881
Lilliefors 5% Critical Value	0.11075
Data not normal at 5% significance level	

95% UCL (Assuming Normal Distribution)	
Student's-t UCL	1.775009

Gamma Distribution Test	
A-D Test Statistic	0.442468
A-D 5% Critical Value	0.752976
K-S Test Statistic	0.082014
K-S 5% Critical Value	0.111599
Data follow gamma distribution	
at 5% significance level	

95% UCLs (Assuming Gamma Distribution)	
Approximate Gamma UCL	**1.776394**
Adjusted Gamma UCL	1.779892

Lognormal Distribution Test	
Lilliefors Test Statisitic	0.060065
Lilliefors 5% Critical Value	0.11075
Data are lognormal at 5% significance level	

95% UCLs (Assuming Lognormal Distribution)	
95% H-UCL	1.787421
95% Chebyshev (MVUE) UCL	1.999639
97.5% Chebyshev (MVUE) UCL	2.160262
99% Chebyshev (MVUE) UCL	2.475775

95% Non-parametric UCLs	
CLT UCL	1.772879
Adj-CLT UCL (Adjusted for skewness)	1.787434
Mod-t UCL (Adjusted for skewness)	1.777279
Jackknife UCL	1.775009
Standard Bootstrap UCL	1.769958
Bootstrap-t UCL	1.799146
Hall's Bootstrap UCL	1.791961
Percentile Bootstrap UCL	1.784375
BCA Bootstrap UCL	1.784531
95% Chebyshev (Mean, Sd) UCL	2.008374
97.5% Chebyshev (Mean, Sd) UCL	2.17203
99% Chebyshev (Mean, Sd) UCL	2.493499

SU4 PASSED 95%UCL
for Ra-226 compared to CO of 2.9 pCi/g

SU6 95% UCL for Pu-238

Data File

Variable: 0.2

Raw Statistics	
Number of Valid Samples	78
Number of Unique Samples	74
Minimum	0.01
Maximum	157
Mean	14.09256
Median	8.36
Standard Deviation	20.22484
Variance	409.0442
Coefficient of Variation	1.435143
Skewness	4.80119

Gamma Statistics	
k hat	0.6588
k star (bias corrected)	0.642009
Theta hat	21.39126
Theta star	21.95073
nu hat	102.7728
nu star	100.1534
Approx.Chi Square Value (.05)	78.06069
Adjusted Level of Significance	0.046923
Adjusted Chi Square Value	77.69486

Log-transformed Statistics	
Minimum of log data	-4.60517
Maximum of log data	5.056246
Mean of log data	1.720415
Standard Deviation of log data	1.746546
Variance of log data	3.050423

RECOMMENDATION

Data follow gamma distribution (0.05)

Use Approximate Gamma UCL

SU6 PASSED 95%UCL
for Pu-238 compared to CO of 55 pCi/g

Normal Distribution Test	
Lilliefors Test Statisitic	0.24312
Lilliefors 5% Critical Value	0.10032
Data not normal at 5% significance level	

95% UCL (Assuming Normal Distribution)	
Student's-t UCL	17.90517

Gamma Distribution Test	
A-D Test Statistic	0.31005
A-D 5% Critical Value	0.802311
K-S Test Statistic	0.057898
K-S 5% Critical Value	0.10576
Data follow gamma distribution	
at 5% significance level	

95% UCLs (Assuming Gamma Distribution)	
Approximate Gamma UCL	**18.08103**
Adjusted Gamma UCL	18.16617

Lognormal Distribution Test	
Lilliefors Test Statisitic	0.112942
Lilliefors 5% Critical Value	0.10032
Data not lognormal at 5% significance level	

95% UCLs (Assuming Lognormal Distribution)	
95% H-UCL	47.20307
95% Chebyshev (MVUE) UCL	55.2501
97.5% Chebyshev (MVUE) UCL	68.55532
99% Chebyshev (MVUE) UCL	94.69084

95% Non-parametric UCLs	
CLT UCL	17.8593
Adj-CLT UCL (Adjusted for skewness)	19.18951
Mod-t UCL (Adjusted for skewness)	18.11265
Jackknife UCL	17.90517
Standard Bootstrap UCL	17.86354
Bootstrap-t UCL	20.339
Hall's Bootstrap UCL	35.64077
Percentile Bootstrap UCL	18.06846
BCA Bootstrap UCL	19.40013
95% Chebyshev (Mean, Sd) UCL	24.0745
97.5% Chebyshev (Mean, Sd) UCL	28.39369
99% Chebyshev (Mean, Sd) UCL	36.8779

A179/269 ~~II-156~~

PRS 67 SU2 / Pu-238 Sample ID	Offsite analysis (pCi/g) Pu-238 result	Pu-238 MDA	Sign Test
SU2FSS002	1.76	0.07	+
SU2FSS003	0.62	0.04	+
SU2FSS004	0.76	0.03	+
SU2FSS005	0.24	0.06	+
SU2FSS006	4.98	0.10	+
SU2FSS007	21.80	0.07	+
SU2FSS008	14.90	0.07	+
SU2FSS009	7.30	0.05	+
SU2FSS010	0.77	0.04	+
SU2FSS011	2.56	0.05	+
SU2FSS012	10.00	0.05	+
SU2FSS013	7.93	0.04	+
SU2FSS014	14.20	0.05	+
SU2FSS015	6.19	0.05	+
SU2FSS016	4.17	0.05	+
SU2FSS018	2.68	0.04	+
[redacted]	[redacted]	[redacted]	[redacted]
SU2FSS024	0.39	0.04	+
SU2FSS044	5.78	0.03	+
SU2FSS045	19.00	0.04	+
SU2FSS046	5.45	0.04	+
SU2FSS047	13.90	0.05	+
SU2FSS048	7.83	0.03	+
SU2FSS049	8.10	0.04	+
SU2FSS050	1.93	0.07	+
SU2FSS051	33.30	0.04	+
SU2FSS052	14.30	0.06	+
SU2FSS053	13.80	0.04	+
SU2FSS054	1.81	0.06	+
SU2FSS055	5.41	0.05	+

CO	55	Sum:	22
Hot Spot	165	Adj. N	30
Max Obs	91	k Crit	20
Mean	10.762	(from Table I.3 MARSSIM)	
Standard Deviation	16.07	P/F	**PASS**
Number of Samples	30		

A-180/269
~~#162~~

PRS 67 SU3 / Pb-210 Sample ID	Offsite analysis (pCi/g) Pb-210 result	Pb-210 MDA	Sign Test
SU3FSS001	4.17	0.64	+
SU3FSS002	1.66	0.69	+
SU3FSS003	1.65	0.38	+
SU3FSS004	1.78	0.57	+
SU3FSS005	1.40	0.70	+
SU3FSS007	1.15	0.72	+
SU3FSS008	1.28	0.70	+
SU3FSS009	1.26	0.96	+
SU3FSS010	1.04	0.90	+
SU3FSS011	1.33	0.92	+
SU3FSS012	1.90	0.66	+
SU3FSS015	1.67	0.85	+
SU3FSS016	1.96	0.68	+
SU3FSS017	1.03	0.59	+
SU3FSS018	2.42	0.73	+
SU3FSS019	1.56	0.90	+
SU3FSS026	2.29	0.86	+
SU3FSS027	1.22	0.57	+
SU3FSS029	1.94	0.80	+
SU3FSS030	2.55	0.64	+
SU3FSS031	1.34	0.69	+
SU3FSS032	1.10	0.75	+
SU3FSS040	0.77	0.62	+
SU3FSS041	2.10	0.70	+
SU3FSS042	2.39	0.78	+
SU3FSS043	2.04	0.77	+
SU3FSS044	1.78	0.80	+
SU3FSS045	2.54	1.09	+
SU3FSS046	1.14	1.00	+
SU3FSS047	2.02	0.86	+
SU3FSS048	2.76	1.01	+
SU3FSS049	3.02	0.73	+
SU3FSS051	2.04	0.74	+
SU3FSS052	2.00	0.94	+
SU3FSS055	2.40	0.88	+
SU3FSS063	1.69	0.65	+
SU3FSS064	1.94	0.97	+
SU3FSS065	1.82	0.66	+
SU3FSS068	1.85	0.91	+
SU3FSS069	1.12	1.12	+
SU3FSS077	2.03	0.82	+
SU3FSS078	1.09	0.70	+
SU3FSS079	1.29	0.59	+
SU3FSS084	1.42	0.69	+
SU3FSS085	0.68	0.67	+
SU3FSS086	0.95	0.78	+
SU3FSS087	1.47	0.61	+
SU3FSS089	7.52	0.88	-
SU3FSS090	0.93	0.63	+

CO	7.4	Sum:	47
Hot Spot	19.8	Adj. N	49
Max Obs	7.52	k Crit	30
Mean	1.85	(from Table I.3 MARSSIM)	
Standard Deviation	1.29	P/F	**PASS**
Number of Samples	49		

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PRS 67 SU4 / Pb-210 Sample ID	Offsite analysis (pCi/g) Pb-210 result	Pb-210 MDA	Sign Test
SU4FSS024	2.29	1.10	+
SU4FSS025	1.77	0.97	+
SU4FSS026	3.40	1.19	+
SU4FSS027	2.39	1.00	+
SU4FSS028	3.02	1.13	+
SU4FSS029	5.88	1.16	+
SU4FSS030	2.72	0.88	+
SU4FSS036	0.61	0.47	+
SU4FSS037	1.31	0.84	+
SU4FSS038	0.94	0.52	+
SU4FSS039	0.58	0.42	+
SU4FSS040	2.59	0.97	+
SU4FSS041	1.35	1.08	+
SU4FSS042	1.38	0.70	+
SU4FSS043	1.22	0.80	+
SU4FSS044	1.50	0.56	+
SU4FSS045	0.78	0.49	+
SU4FSS046	1.21	0.59	+
SU4FSS047	0.61	0.60	+
SU4FSS048	1.49	0.83	+
SU4FSS049	1.33	0.72	+
SU4FSS050	1.17	0.74	+
SU4FSS051	1.31	0.61	+
SU4FSS052	1.11	0.88	+
SU4FSS053	0.79	0.76	+
SU4FSS054	1.13	0.71	+
SU4FSS055	0.69	0.56	+
SU4FSS056	0.90	0.55	+
SU4FSS057	0.66	0.66	+
SU4FSS058	1.38	0.70	+
SU4FSS059	0.71	0.71	+
SU4FSS060	0.69	0.69	+
SU4FSS061	1.96	0.71	+
SU4FSS062	1.76	1.07	+
SU4FSS063	1.71	0.86	+
SU4FSS064	1.36	0.73	+
SU4FSS065	2.28	0.77	+
SU4FSS066	5.61	1.79	+
SU4FSS067	5.33	1.62	+
SU4FSS068	3.05	0.73	+
SU4FSS069	2.90	0.61	+
SU4FSS070	0.78	0.61	+
SU4FSS071	2.03	0.84	+
SU4FSS072	4.08	0.85	+
SU4FSS073	1.41	0.72	+
SU4FSS074	2.87	0.92	+
SU4FSS075	4.29	0.77	+
SU4FSS076	4.32	0.87	+
SU4FSS077	1.94	0.80	+
SU4FSS078	1.16	0.52	+
SU4FSS079	11.66	0.99	-
SU4FSS080	1.86	0.71	+
SU4FSS081	1.19	0.60	+
SU4FSS082	2.45	0.61	+
SU4FSS083	1.91	0.76	+
SU4FSS084	1.96	0.66	+
SU4FSS085	0.76	0.38	+
SU4FSS086	0.61	0.44	+
SU4FSS087	4.07	0.90	+
SU4FSS088	0.80	0.68	+
SU4FSS089	1.56	0.64	+
SU4FSS090	0.85	0.46	+
SU4FSS091	0.99	0.92	+
SU4FSS092	0.77	0.57	+

CO	7.4	Sum:	63
Hot Spot	19.8	Adj. N	64
Max Obs	11.66	k Crit	39
Mean	2.02	(from Table I.3 MARSSIM)	
Standard Deviation	1.29	P/F	PASS
Number of Samples	64		

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PRS 67 SU4 / Ra-226 Sample ID	Offsite analysis (pCi/g) Ra-226 result	Ra-226 MDA	Sign Test
SU4FSS024	1.26	1.26	+
SU4FSS025	2.23	0.96	+
SU4FSS026	2.69	1.27	+
SU4FSS027	2.15	1.19	+
SU4FSS028	3.00	1.10	-
SU4FSS029	2.30	1.19	+
SU4FSS030	2.56	1.02	+
SU4FSS036	0.85	0.53	+
SU4FSS037	2.06	0.93	+
SU4FSS038	1.05	0.58	+
SU4FSS039	1.19	0.48	+
SU4FSS040	2.31	1.13	+
SU4FSS041	2.06	1.14	+
SU4FSS042	1.90	0.82	+
SU4FSS043	2.86	0.85	+
SU4FSS044	1.21	0.63	+
SU4FSS045	0.63	0.63	+
SU4FSS046	1.44	0.73	+
SU4FSS047	1.73	0.63	+
SU4FSS048	2.10	0.85	+
SU4FSS049	0.98	0.75	+
SU4FSS050	1.62	0.74	+
SU4FSS051	1.22	0.73	+
SU4FSS052	1.36	1.08	+
SU4FSS053	1.22	0.70	+
SU4FSS054	1.69	0.73	+
SU4FSS055	0.81	0.63	+
SU4FSS056	2.05	0.59	+
SU4FSS057	0.93	0.62	+
SU4FSS058	1.79	0.89	+
SU4FSS059	1.19	0.72	+
SU4FSS060	1.49	0.70	+
SU4FSS061	1.02	0.76	+
SU4FSS062	1.56	1.10	+
SU4FSS063	1.25	0.79	+
SU4FSS064	2.36	0.84	+
SU4FSS065	1.31	0.82	+
SU4FSS066	3.90	1.63	-
SU4FSS067	3.91	1.78	-
SU4FSS068	1.06	0.84	+
SU4FSS069	0.92	0.72	+
SU4FSS070	1.45	0.66	+
SU4FSS071	1.20	0.88	+
SU4FSS072	1.33	0.77	+
SU4FSS073	1.52	0.82	+
SU4FSS074	2.27	1.16	+
SU4FSS075	1.11	0.77	+
SU4FSS076	1.68	0.83	+
SU4FSS077	2.39	0.78	+
SU4FSS078	1.29	0.70	+
SU4FSS079	1.32	0.94	+
SU4FSS080	0.98	0.75	+
SU4FSS081	0.86	0.64	+
SU4FSS082	1.26	0.79	+
SU4FSS083	2.30	0.81	+
SU4FSS084	1.47	0.76	+
SU4FSS085	0.87	0.49	+
SU4FSS086	1.10	0.52	+
SU4FSS087	1.49	0.85	+
SU4FSS088	1.84	0.72	+
SU4FSS089	1.41	0.67	+
SU4FSS090	0.67	0.67	+
SU4FSS091	1.74	0.92	+
SU4FSS092	1.66	0.57	+

CO	2.9	Sum:	61
Hot Spot	4.7	Adj. N	64
Max Obs	3.91	k Crit	39
Mean	1.63	(from Table I.3 MARSSIM)	
Standard Deviation	0.59	P/F	PASS
Number of Samples	64		

A183/269 ~~[illegible]~~

Sign Test for PRS 67
COC: Pu-238 / SU6

PRS 67 SU6 / Pu-238	Offsite analysis (pCi/g)		Sign Test
Sample ID	Pu-238 result	Pu-238 MDA	
SU67SCR273	0.20	0.05	+
SU6PRS6701	32.10	0.04	+
SU6PRS6702	27.90	0.04	+
SU6PRS6703	39.50	0.05	+
SU6PRS6704	2.57	0.07	+
SU6PRS6705	31.40	0.05	+
SU6PRS6706	39.40	0.04	+
SU6PRS6707	15.20	0.03	+
SU6PRS6708	20.00	0.03	+
SU6PRS6709	5.23	0.04	+
SU6PRS6710	17.90	0.04	+
SU6PRS6711	10.20	0.03	+
SU6PRS6712	2.07	0.04	+
SU6PRS6713	1.88	0.03	+
SU6PRS6714	5.19	0.04	+
SU6PRS6715	21.10	0.03	+
SU6PRS6716	24.10	0.03	+
SU6PRS6717	24.20	0.03	+
SU6PRS6718	20.00	0.03	+
SU6PRS6719	47.00	0.03	+
SU6PRS6720	28.80	0.04	+
SU6PRS6721	10.50	0.03	+
SU6PRS6722	0.01	0.03	+
SU6PRS6723	0.07	0.04	+
SU6PRS6724	4.94	0.04	+
SU6PRS6725	0.07	0.04	+
SU6PRS6726	1.23	0.03	+
SU6PRS6727	1.38	0.03	+
SU6PRS6728	10.30	0.03	+
SU6PRS6729	27.20	0.04	+
SU6PRS6730	29.30	0.05	+
SU6PRS6731	17.60	0.03	+
SU6PRS6732	31.60	0.03	+
SU6PRS6733	157.00	0.02	-
SU6PRS6734	2.92	0.04	+
SU6PRS6735	0.13	0.03	+
SU6PRS6736	0.51	0.03	+
SU6PRS6737	3.97	0.02	+
SU6PRS6738	4.99	0.02	+
SU6PRS6739	1.16	0.03	+
SU6PRS6740	2.86	0.03	+
SU6PRS6741	9.40	0.02	+
SU6PRS6742	7.85	0.02	+
SU6PRS6743	37.40	0.02	+
SU6PRS6744	1.22	0.03	+
SU6PRS6745	0.43	0.04	+
SU6PRS6746	2.00	0.04	+
SU6PRS6747	22.10	0.04	+
SU6PRS6748	2.71	0.04	+
SU6PRS6749	4.44	0.03	+
SU6PRS6750	18.00	0.03	+
SU6PRS6751	3.42	0.04	+
SU6PRS6752	9.48	0.03	+
SU6PRS6753	7.62	0.05	+
SU6PRS6754	3.07	0.06	+
SU6PRS6755	19.50	0.03	+
SU6PRS6756	5.19	0.04	+
SU6PRS6757	0.40	0.04	+
SU6PRS6758	11.50	0.03	+
SU6PRS6759	22.30	0.03	+
SU6PRS6760	34.80	0.03	+
SU6PRS6761	8.51	0.04	+
SU6PRS6762	6.22	0.05	+
SU6PRS6763	13.80	0.04	+
SU6PRS6764	25.70	0.03	+
SU6PRS6765	3.21	0.04	+
SU6PRS6766	0.68	0.04	+
SU6PRS6767	6.37	0.03	+
SU6PRS6768	8.60	0.03	+
SU6PRS6769	1.32	0.03	+
SU6PRS6770	22.10	0.05	+
SU6PRS6771	6.78	0.07	+
SU6PRS6772	12.30	0.03	+
SU6PRS6773	16.00	0.03	+
SU6PRS6774	0.70	0.06	+
SU6PRS6775	0.46	0.03	+
SU6PRS6776	8.21	0.03	+
SU6PRS6777	11.70	0.03	+

CO	55	Sum:	77
Hot Spot	165	Adj. N	78
Max Obs	157	k Crit	46
Mean	14.09	(from Table I.3 MARSSIM)	
Standard Deviation	16.07	P/F	PASS
Number of Samples	78		

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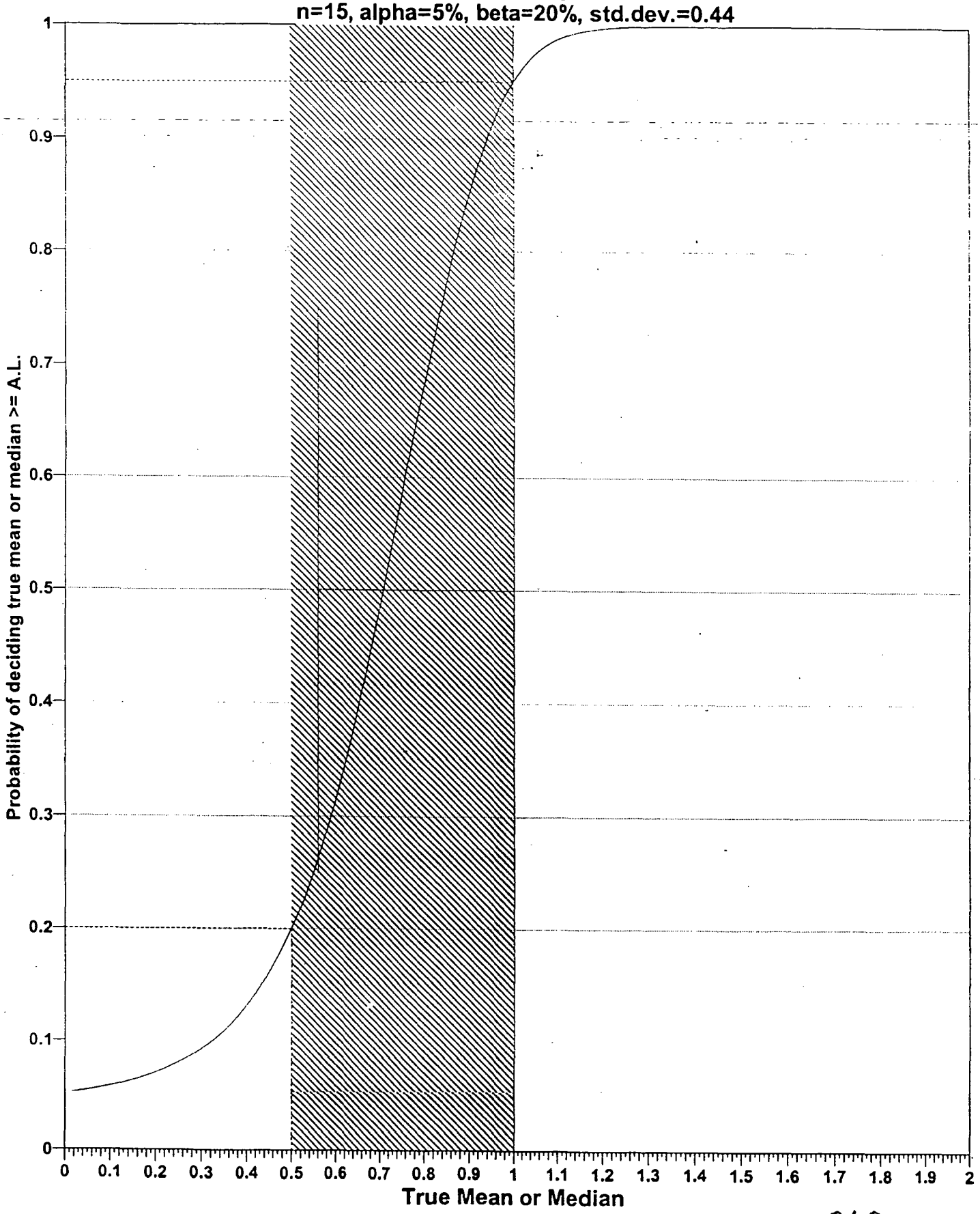
SU1

MARSSIM Sign Test

n=15, alpha=5%, beta=20%, std.dev.=0.44



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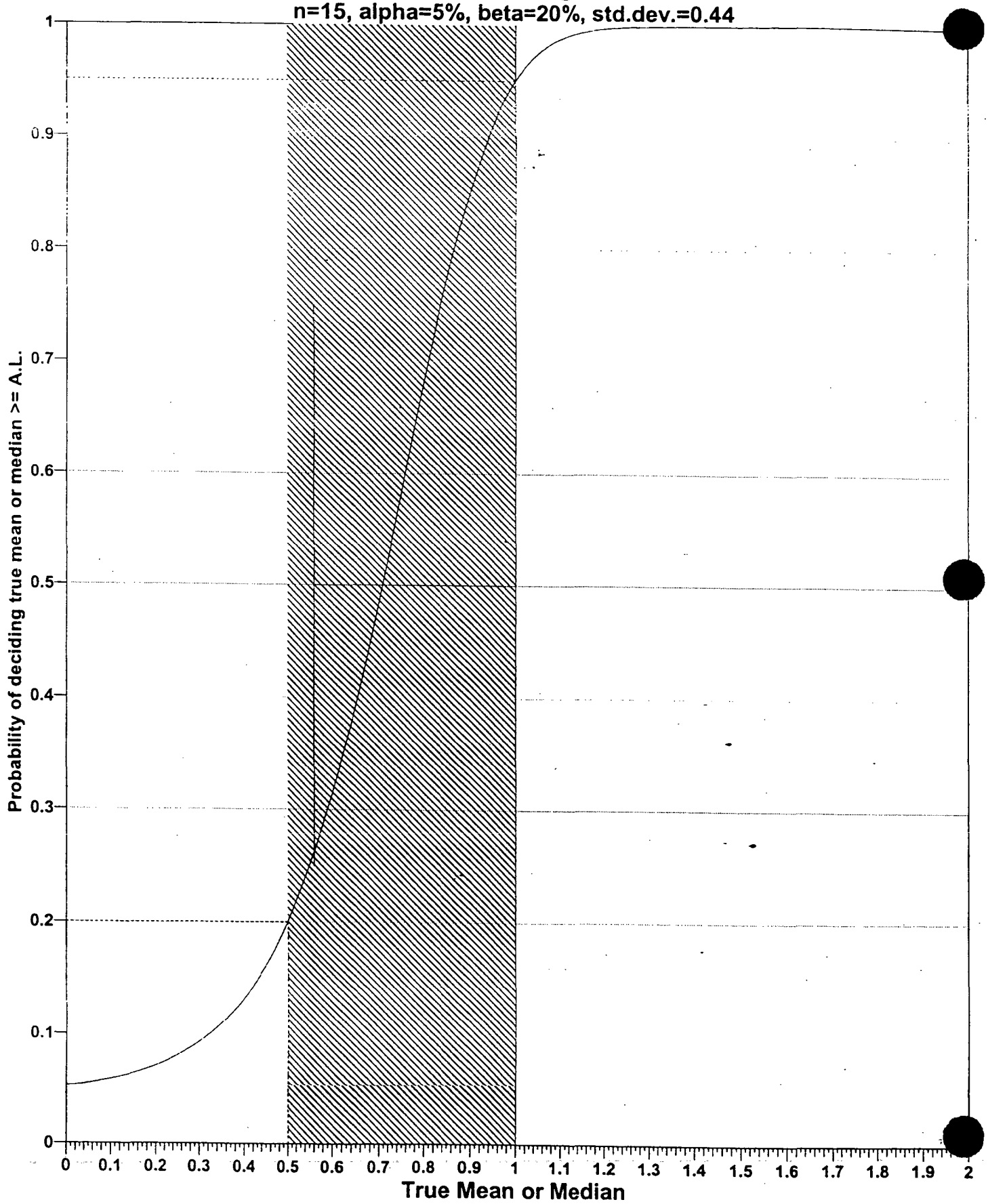
SU2

MARSSIM Sign Test

n=15, alpha=5%, beta=20%, std.dev.=0.44

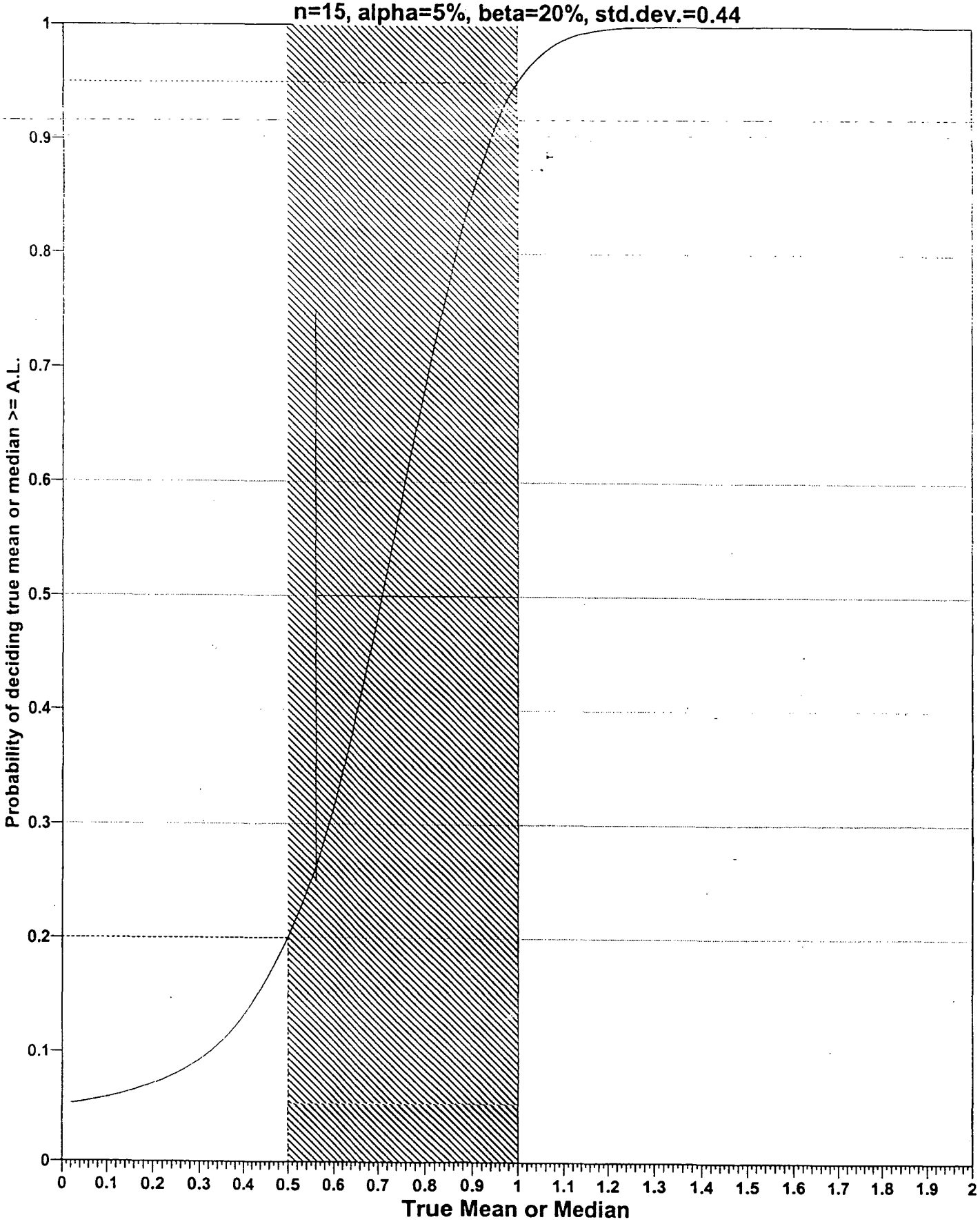


A186/ ~~#158~~/ 269

SU 3

MARSSIM Sign Test

n=15, alpha=5%, beta=20%, std.dev.=0.44

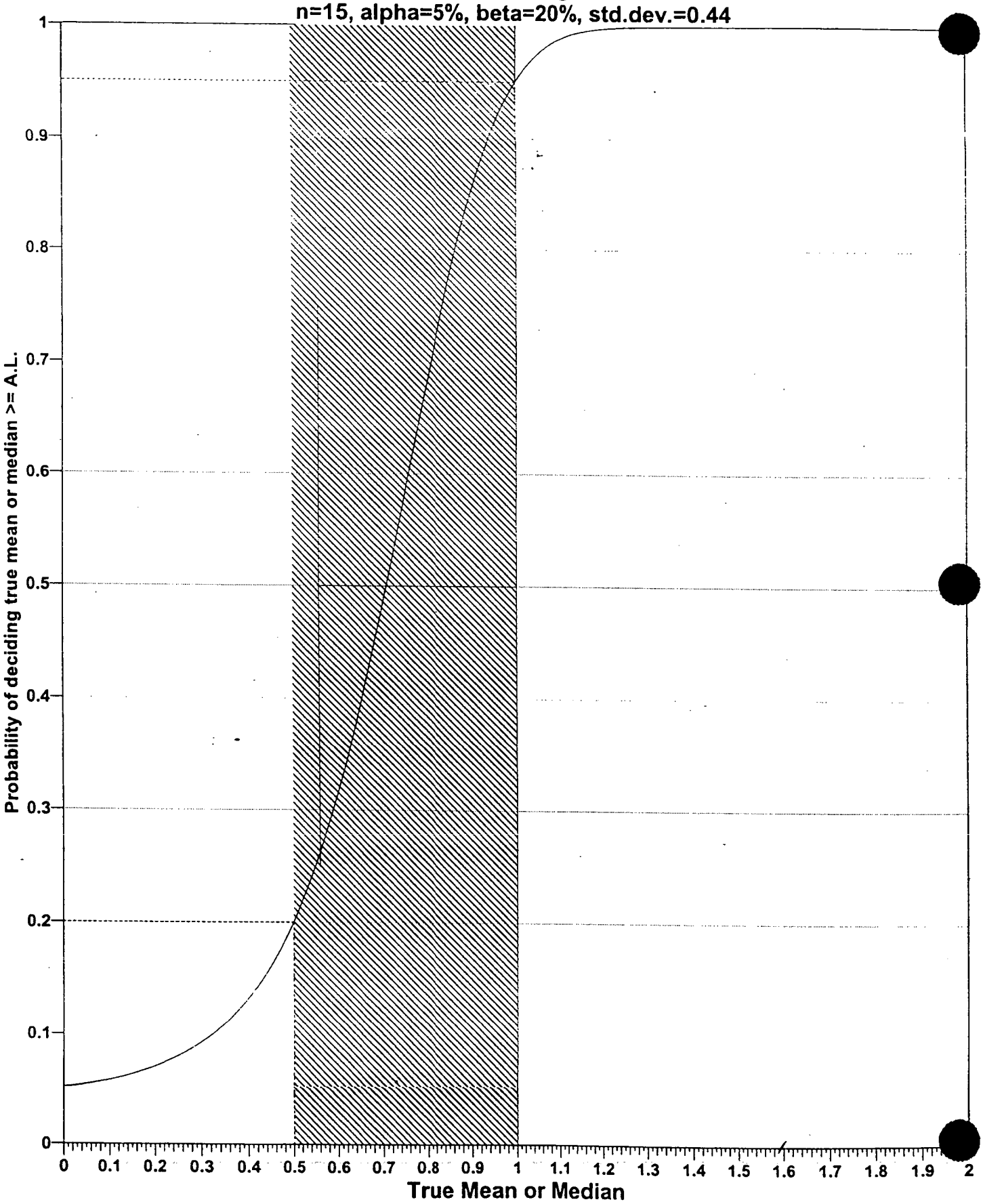


A187/269 ~~#169~~

SU4

MARSSIM Sign Test

n=15, alpha=5%, beta=20%, std.dev.=0.44



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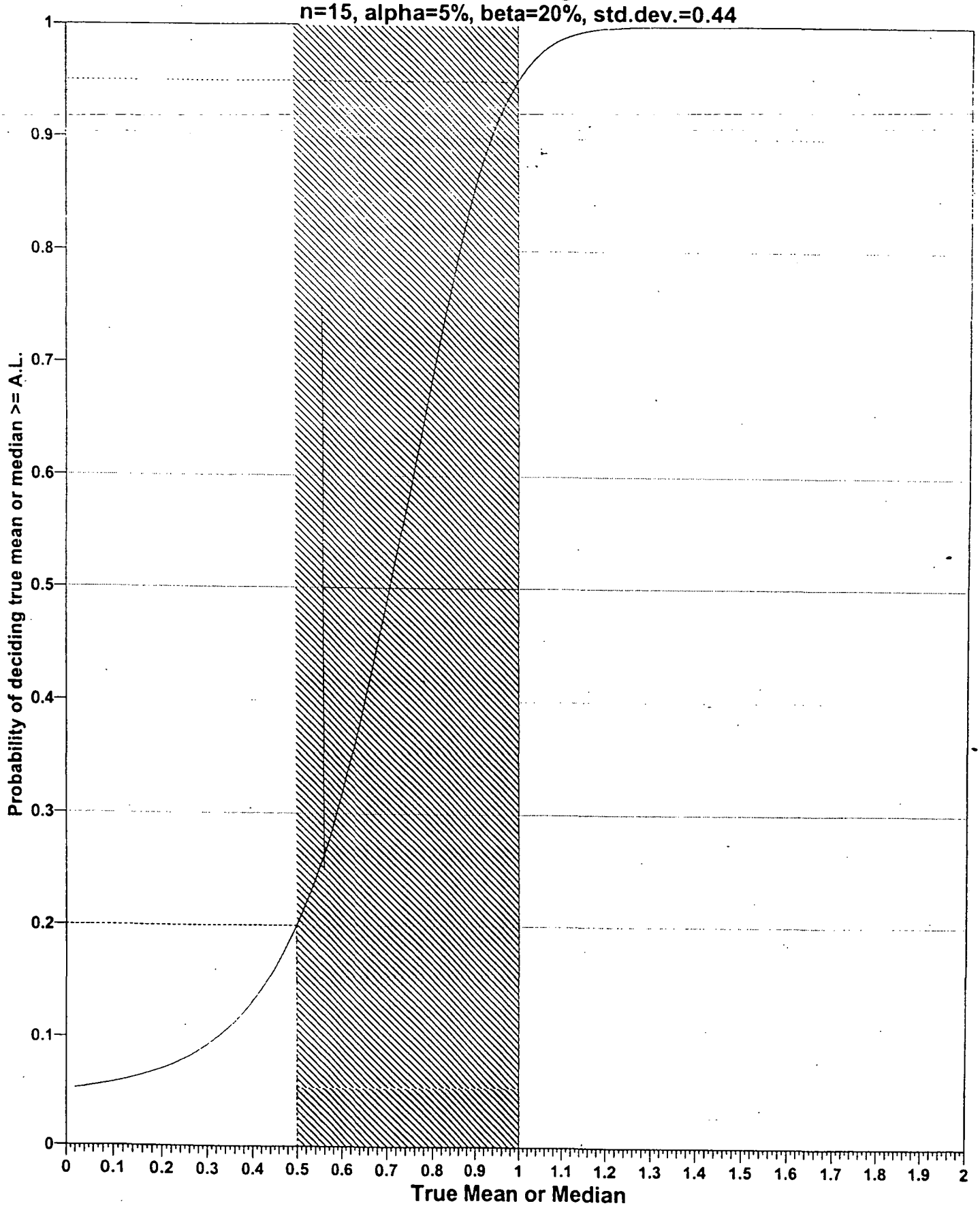
SU6

MARSSIM Sign Test

n=15, alpha=5%, beta=20%, std.dev.=0.44



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APPENDIX F

DATA REVIEW & VALIDATION

RV1: PRS 67 SUs1-4

RV2: PRS 67 SU6

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DATA REVIEW AND VALIDATION

R&V 1 (PRS 67 SUs 1-4)

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Acronyms

%D	percent difference
NAD	normalized absolute difference
MB	method blank
MDC	minimum detectable concentration
PRS	Potential Release Site
RPD	relative percent difference
RSD	relative standard deviation
SDG	sample delivery group

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1.0 Introduction and Summary

1.1 Introduction

This data assessment has been prepared to describe the data quality for Mound PRS 67 Ditch Verification samples. Data assessment encompasses two types of quality control reviews on the data: data review and data validation. Data review involves a review of the basic quality control data included in the laboratory data package, e.g., laboratory blanks, surrogate recoveries, matrix spike recoveries, and field duplicates. All (100%) of the data are reviewed. Data validation is a detailed review of the laboratory data packages that includes all of the data review elements plus verification of such things as proper instrument calibration, instrument calibration validity during sample analysis, identification of target analytes, and proper treatment and quantification of the data. Data validation was performed on 100% of the samples. The results of the data validation are assessed to identify whether any systemic problems are apparent. Suspect values are flagged to assure the validity of the data to the user. Both data review and validation are discussed below.

2.0 Data Review and Validation

The quality control data submitted with the analytical data packages were reviewed and validated. The results of the assessment are presented in this section. The following qualifications were used to indicate data quality problems identified during the data validation process.

Table 1 — Data Validation Qualifications

Qualification	Qualification Description
=	The sample result is positively identified and quantified.
J	The associated positive sample result is estimated.
J/UJ	The associated positive and not-detected sample results are qualified estimated.
UJ	The associated not-detected sample result is qualified estimated.
U	The associated sample result is qualified not detected.
R	The associated sample result is rejected and unusable.

Reason Codes are used to assign meaning to the qualifiers used. The following are the reason codes that were applied to this project.

Table 2 – Validation Reason Codes	
Reason Code	**Reason Code Description**
A01	Extraction holding times were exceeded.
F01	Sample data were qualified as a result of the method blank.
G02	Radiological chemical recovery was below the lower control limit.
J01	Duplicate RPD was outside the control limit.
T04	Professional judgement was used to qualify the data.
T05	Analytical result is less than the associated MDC, but greater than the counting uncertainty.
T06	AnalyticalResult is Less than both the associated counting uncertainty and MDC.

Three types of analyses were reviewed and validated: semi-volatile organics, isotopic thorium, and isotopic plutonium. The data validation of each of these types of analyses is discussed in the following subsections. The validated results follow in Attachment 1.

2.1 Semi-Volatiles

The field team submitted one sample, MDSS0286, for semi-volatile organic analysis. The associated quality control result assessments are discussed in the following subsections.

2.1.1 Holding Times

Holding times are established to ensure that target parameters do not deteriorate or evaporate prior to analysis. The holding time for extraction was exceeded by two days. The sample result was qualified as non-detect, estimated (UJ) with a reason code AO1.

2.1.2 Initial Calibration

The laboratory uses the initial calibration to establish a calibration line or curve against which sample concentrations can be determined. The relative standard deviation (RSD) of the initial calibration curve should be less than 30% for each analyte. The RSD was within control limits for this initial calibration. No qualification of the data is required.

2.1.3 Continuing Calibration

The continuing calibration check is performed every 12 hours that samples are analyzed to ensure that the initial calibration curve is still valid for the determination of sample concentration. The percent difference (%D) is calculated to check the accuracy of the calibration curve used to determine a check standard concentration. The percent difference must be less than 25% to be considered in control. The %D was within control for this analysis. No qualification of the data was required.

2.1.4 Surrogates

Surrogates are non-target compounds that are added to the sample fraction just before extraction to assess analytical performance. All surrogate recoveries were within the acceptance limits.

2.1.5 Laboratory Blanks

Laboratory blanks, also called method blanks (MB), are used to verify that laboratory handling and procedures are not contaminating samples with target compounds. One laboratory blank was associated with the sample. Blank results were non-detect. No blank contamination of the sample was detected.

2.1.6 Matrix Spikes

Matrix spikes are prepared to verify that the sample matrix is not interfering with the accurate and precise determination of target compounds. The field team selected one sample, MDSS0286, for matrix spike/matrix spike duplicate analysis. All matrix spike recoveries were within the control limits.

2.2 Isotopic Plutonium

The field team submitted 288 samples for isotopic plutonium analysis. The associated quality control result assessments are discussed in the following subsections.

2.2.1 Yields

Non-target isotopes are added to samples just prior to digestion and separation. The non-target isotopes are used to determine the digestion, separation, and analysis efficiencies. These non-target isotope recoveries are expressed as yields and used to calculate the target isotope activities. All yields for plutonium analysis were within control limits. No qualifications to the usability of the data are required based on the yield recoveries.

2.2.2 Laboratory Blanks

Laboratory blanks are used to verify that laboratory handling and procedures are not cross-contaminating samples with target isotopes. Each sample delivery group (SDG) had one laboratory blank per analytical run. All laboratory blanks were non-detect for plutonium. No blank contamination of the samples was detected.

2.2.3 Laboratory Duplicates

Laboratory duplicates are used to assess the sample analysis precision. The laboratory duplicate samples were evaluated by calculating the relative percent differences (RPD). Relative percent differences are considered non-calculateable for duplicate pairs where one or both results were not detected or less than 2x the MDC. If one result was greater than 2x the MDC and the other result was detected at less than 2x the MDC, the relative percent difference was calculated. The laboratory analyzed one duplicate pair for each analytical run.

The Plutonium-238 duplicate pair associated with the SDGs F5D060323 and F5D060377 exceeded the RPD control limit of 35%. Plutonium-238 samples results associated with these SDGs were qualified as estimated (J/UJ) with a reason code J01.

The Plutonium-239/240 duplicate pair associated with the SDG F5D060409 exceeded the RPD control limit of 35%. Plutonium-239/240 samples results associated with this SDG were qualified as estimated (J/UJ) with a reason code J01.

2.2.4 Laboratory Control Spike

Laboratory control spikes (LCS) are prepared to verify the sample analysis accuracy. A LCS is a control sample of known composition. A percent recovery within control limits demonstrates that the laboratory method is acceptable. All LCS recoveries are within control limits and no qualifications to the data are required.

2.2.5 Overall Assessment of Data

Sample results that were quantified greater than the MDC with an uncertainty 50% to 100% of the sample result were qualified as estimated (J) with a reason code T04. Three samples (<1% of the samples) had Plutonium-238 results qualified as estimated (J) with a reason code T04. Eighty samples (27% of the samples) had Plutonium-239/240 results qualified as estimated (J) with a reason code T04.

Sample results that were quantified less than the MDC, but greater than the uncertainty were qualified non-detect (U) with a reason code T05. Nine samples (3% of the samples) had Plutonium-239/240 results qualified non-detect (U) with a reason code T05.

Sample results with analytical results less than both the MDC and uncertainty were qualified as non-detect, estimated (UJ) with a reason code T06. Eighty-nine samples (31% of the samples) had Plutonium-239/240 results qualified as non-detect, estimated (UJ) with a reason code T06.

2.3 Isotopic Thorium

The field team submitted 288 samples for isotopic thorium analysis. The associated quality control result assessments are discussed in the following subsections.

2.3.1 Yields

Non-target isotopes are added to samples just prior to digestion and separation. The non-target isotopes are used to determine the digestion, separation, and analysis efficiencies. These non-target isotope recoveries are expressed as yields and used to calculate the target isotope activities. Two samples were re-digested due to low tracer yields. Sample MDSS0164 had an original yield of 21% and sample MDSS0286 had an

original yield of 24%. Both of these samples were re-extracted with acceptable tracer yields, 93% and 87% respectively. Both the original and re-extracted results were reported by the laboratory. The original results with low yields were qualified as unusable (R) with a reason code G02 to distinguish the original results from the re-digested results. Three samples (MDSS0265, MDSS0272, and MDSS0245) were qualified as estimated (J) with a reason code G02 due to low yield recoveries (ranging 24-29%). The laboratory case narrative attributes the low yield in these three samples to matrix interference.

2.3.2 Laboratory Blanks

Laboratory blanks are used to verify that laboratory handling and procedures are not cross-contaminating samples with target isotopes. Each SDG had one laboratory blank per analytical run.

Thorium-228 was detected in four blanks with activity concentrations ranging from 0.025 pCi/g to 0.113 pCi/g. This may indicate that contamination could have been introduced during the laboratory preparation. Those samples where the normalized absolute difference (NAD) between the blank and the sample result is greater than 2.58 are qualified as estimated (J) with a reason code F01.

Thorium-230 was detected in seven blanks with activity concentrations ranging from 0.023 pCi/g to 0.037 pCi/g. This may indicate that contamination could have been introduced during the laboratory preparation. Those samples where the normalized absolute difference (NAD) between the blank and the sample result is greater than 2.58 are qualified as estimated (J) with a reason code F01.

2.3.3 Laboratory Duplicates

Laboratory duplicates are used to assess the sample analysis precision. The laboratory duplicate samples were evaluated by calculating the relative percent differences. Relative percent differences are considered non-calculateable for duplicate pairs where one or both results were not detected or less than 2x the MDC. If one result was greater than 2x the MDC and the other result was detected at less than 2x the MDC, the

RPD was calculated. The laboratory analyzed one duplicate pair for each analytical run.

The Thorium-228 duplicate pair associated with SDGs F5D060395 and F5D060367 exceeded the RPD control limit of 35%. Thorium-228 samples results associated with these SDGs were qualified as estimated (J/UJ) with a reason code J01.

The Thorium-230 duplicate pair associated with SDG F5D060409 exceeded the RPD control limit of 35%. Thorium-230 samples results associated with this SDG were qualified as estimated (J/UJ) with a reason code J01.

The Thorium-232 duplicate pair associated with SDGs F5D060323, F5D060351, F5D060367, F5D060395, and F5D060409 exceeded the RPD control limit of 35%. Thorium-232 samples results associated with these SDGs were qualified as estimated (J/UJ) with a reason code J01.

2.3.4 Laboratory Control Spike

Laboratory control spikes (LCS) are prepared to verify the sample analysis accuracy. A LCS is a control sample of known composition. A percent recovery within control limits demonstrates that the laboratory method is acceptable. All LCS recoveries are within control limits and no qualifications to the data are required.

2.3.5 Overall Assessment of Data

Sample results that were quantified greater than the MDC with an uncertainty 50% to 100% of the sample result were qualified as estimated (J) with a reason code T04. Two samples (<1% of the samples) had Thorium-228 results qualified as estimated (J) with a reason code T04. One samples (<1% of the samples) had Thorium-232 results qualified as estimated (J) with a reason code T04.

3.0 References

Reference 1: *Methods Compendium*. Mound Plant, Miamisburg OH. Technical Manual MD-80045, Issue 2, January 2002.

Reference 2: *Data Validation*. Science Application International Corporation. Technical Procedure-Data Management-300-7, Revision 5, February 2004.

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Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0038	F5D010153	Pu-238	11.2	1.3	0.06	=	
MDSS0038	F5D010153	Pu-239/240	0.076	0.046	0.042	J	T04
MDSS0038	F5D010153	Th-228	1.25	0.22	0.03	=	
MDSS0038	F5D010153	Th-230	1.18	0.21	0.03	=	
MDSS0038	F5D010153	Th-232	1.28	0.22	0.03	=	
MDSS0049	F5D010153	Pu-238	0.94	0.17	0.03	=	
MDSS0049	F5D010153	Pu-239/240	0.011	0.019	0.029	UJ	T06
MDSS0049	F5D010153	Th-228	0.74	0.17	0.05	=	
MDSS0049	F5D010153	Th-230	0.75	0.17	0.04	=	
MDSS0049	F5D010153	Th-232	0.68	0.16	0.03	=	
MDSS0008	F5D010153	Pu-238	9.4	1.1	0.05	=	
MDSS0008	F5D010153	Pu-239/240	0.036	0.03	0.027	J	T04
MDSS0008	F5D010153	Th-228	0.74	0.16	0.04	=	
MDSS0008	F5D010153	Th-230	0.82	0.17	0.03	=	
MDSS0008	F5D010153	Th-232	0.56	0.13	0.03	=	
MDSS0037	F5D010153	Pu-238	6.36	0.73	0.05	=	
MDSS0037	F5D010153	Pu-239/240	0.055	0.039	0.039	J	T04
MDSS0037	F5D010153	Th-228	0.91	0.18	0.04	=	
MDSS0037	F5D010153	Th-230	0.94	0.19	0.02	=	
MDSS0037	F5D010153	Th-232	0.84	0.17	0.02	=	
MDSS0014	F5D010153	Pu-238	4.78	0.57	0.08	=	
MDSS0014	F5D010153	Pu-239/240	0.012	0.038	0.057	UJ	T06
MDSS0014	F5D010153	Th-228	1.28	0.27	0.06	=	
MDSS0014	F5D010153	Th-230	1.05	0.24	0.02	=	
MDSS0014	F5D010153	Th-232	0.81	0.2	0.03	=	
MDSS0007	F5D010153	Pu-238	4.67	0.59	0.06	=	
MDSS0007	F5D010153	Pu-239/240	0.034	0.036	0.045	UJ	T06
MDSS0007	F5D010153	Th-228	0.7	0.15	0.04	=	
MDSS0007	F5D010153	Th-230	0.92	0.18	0.03	=	
MDSS0007	F5D010153	Th-232	0.73	0.15	0.02	=	
MDSS0048	F5D010153	Pu-238	0.39	0.11	0.07	=	
MDSS0048	F5D010153	Pu-239/240	-0.0004	-0.023	0.046	U	T05
MDSS0048	F5D010153	Th-228	1.01	0.21	0.03	=	
MDSS0048	F5D010153	Th-230	1.47	0.27	0.02	=	
MDSS0048	F5D010153	Th-232	1.04	0.21	0.03	=	
MDSS0047	F5D010153	Pu-238	0.48	0.12	0.04	=	
MDSS0047	F5D010153	Pu-239/240	0.016	0.021	0.024	UJ	T06
MDSS0047	F5D010153	Th-228	0.3	0.11	0.05	=	
MDSS0047	F5D010153	Th-230	0.258	0.096	0.033	=	
MDSS0047	F5D010153	Th-232	0.28	0.1	0.03	=	
MDSS0006	F5D010153	Pu-238	6.46	0.82	0.04	=	
MDSS0006	F5D010153	Pu-239/240	0.057	0.039	0.016	J	T04
MDSS0006	F5D010153	Th-228	0.51	0.13	0.04	=	
MDSS0006	F5D010153	Th-230	0.55	0.14	0.03	=	
MDSS0006	F5D010153	Th-232	0.44	0.12	0.03	=	
MDSS0013	F5D010153	Pu-238	0.039	0.037	0.044	U	T05
MDSS0013	F5D010153	Pu-239/240	-0.001	-0.012	0.024	U	T05
MDSS0013	F5D010153	Th-228	0.37	0.11	0.05	=	
MDSS0013	F5D010153	Th-230	1.08	0.21	0.03	=	
MDSS0013	F5D010153	Th-232	0.53	0.13	0.02	=	
MDSS0012	F5D010153	Pu-238	5.88	0.72	0.04	=	
MDSS0012	F5D010153	Pu-239/240	0.029	0.027	0.026	J	T04

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0012	F5D010153	Th-228	0.98	0.21	0.05	=	
MDSS0012	F5D010153	Th-230	0.77	0.18	0.03	=	
MDSS0012	F5D010153	Th-232	0.8	0.18	0.02	=	
MDSS0005	F5D010153	Pu-238	16.2	2	0.05	=	
MDSS0005	F5D010153	Pu-239/240	0.056	0.04	0.035	J	T04
MDSS0005	F5D010153	Th-228	0.81	0.2	0.09	=	
MDSS0005	F5D010153	Th-230	0.81	0.19	0.04	=	
MDSS0005	F5D010153	Th-232	0.7	0.18	0.04	=	
MDSS0046	F5D010153	Pu-238	0.254	0.082	0.043	=	
MDSS0046	F5D010153	Pu-239/240	-0.004	-0.014	0.031	U	T05
MDSS0046	F5D010153	Th-228	0.66	0.16	0.06	=	
MDSS0046	F5D010153	Th-230	1.35	0.26	0.03	=	
MDSS0046	F5D010153	Th-232	0.64	0.16	0.04	=	
MDSS0011	F5D010153	Pu-238	0.172	0.065	0.034	=	
MDSS0011	F5D010153	Pu-239/240	0.004	0.011	0.022	UJ	T06
MDSS0011	F5D010153	Th-228	0.88	0.19	0.04	=	
MDSS0011	F5D010153	Th-230	0.86	0.18	0.03	=	
MDSS0011	F5D010153	Th-232	1.09	0.21	0.03	=	
MDSS0004	F5D010153	Pu-238	1.14	0.19	0.04	=	
MDSS0004	F5D010153	Pu-239/240	0.001	0.013	0.029	UJ	T06
MDSS0004	F5D010153	Th-228	0.329	0.099	0.048	=	
MDSS0004	F5D010153	Th-230	0.53	0.13	0.02	=	
MDSS0004	F5D010153	Th-232	0.314	0.094	0.034	=	
MDSS0059	F5D010153	Pu-238	1	0.18	0.04	=	
MDSS0059	F5D010153	Pu-239/240	0.001	0.014	0.03	UJ	T06
MDSS0059	F5D010153	Th-228	0.67	0.16	0.1	=	
MDSS0059	F5D010153	Th-230	1.18	0.22	0.04	=	
MDSS0059	F5D010153	Th-232	0.69	0.15	0.05	=	
MDSS0003	F5D010153	Pu-238	3.15	0.46	0.04	=	
MDSS0003	F5D010153	Pu-239/240	0.029	0.028	0.026	J	T04
MDSS0003	F5D010153	Th-228	0.99	0.21	0.07	=	
MDSS0003	F5D010153	Th-230	1.19	0.24	0.03	=	
MDSS0003	F5D010153	Th-232	1.01	0.21	0.02	=	
MDSS0057	F5D010153	Pu-238	0.202	0.073	0.043	=	
MDSS0057	F5D010153	Pu-239/240	0.003	0.013	0.026	UJ	T06
MDSS0057	F5D010153	Th-228	0.55	0.14	0.05	=	
MDSS0057	F5D010153	Th-230	1.19	0.23	0.03	=	
MDSS0057	F5D010153	Th-232	0.57	0.14	0.02	=	
MDSS0058	F5D010153	Pu-238	0.78	0.16	0.05	=	
MDSS0058	F5D010153	Pu-239/240	0.002	0.014	0.03	UJ	T06
MDSS0058	F5D010153	Th-228	0.8	0.19	0.05	=	
MDSS0058	F5D010153	Th-230	1.02	0.22	0.03	=	
MDSS0058	F5D010153	Th-232	0.77	0.18	0.02	=	
MDSS0056	F5D010153	Pu-238	1.06	0.2	0.05	=	
MDSS0056	F5D010153	Pu-239/240	0.01	0.019	0.029	UJ	T06
MDSS0056	F5D010153	Th-228	0.73	0.17	0.05	=	
MDSS0056	F5D010153	Th-230	1.13	0.22	0.03	=	
MDSS0056	F5D010153	Th-232	0.73	0.17	0.03	=	
MDSS0002	F5D010187	Pu-238	8.1	1	0.07	=	
MDSS0002	F5D010187	Pu-239/240	0.087	0.055	0.052	J	T04
MDSS0002	F5D010187	Th-228	0.52	0.15	0.06	=	
MDSS0002	F5D010187	Th-230	0.72	0.18	0.04	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0002	F5D010187	Th-232	0.53	0.15	0.02	=	
MDSS0055	F5D010187	Pu-238	0.6	0.14	0.03	=	
MDSS0055	F5D010187	Pu-239/240	0.001	0.016	0.035	UJ	T06
MDSS0055	F5D010187	Th-228	0.64	0.17	0.05	=	
MDSS0055	F5D010187	Th-230	1.27	0.27	0.04	=	
MDSS0055	F5D010187	Th-232	0.73	0.18	0.03	=	
MDSS0054	F5D010187	Pu-238	4.98	0.7	0.05	=	
MDSS0054	F5D010187	Pu-239/240	0.083	0.049	0.032	J	T04
MDSS0054	F5D010187	Th-228	0.91	0.2	0.06	=	
MDSS0054	F5D010187	Th-230	1	0.22	0.06	=	
MDSS0054	F5D010187	Th-232	0.91	0.2	0.05	=	
MDSS0053	F5D010187	Pu-238	0.65	0.16	0.1	=	
MDSS0053	F5D010187	Pu-239/240	0	0	0.08	U	
MDSS0053	F5D010187	Th-228	0.79	0.19	0.07	=	
MDSS0053	F5D010187	Th-230	1.24	0.26	0.05	=	
MDSS0053	F5D010187	Th-232	0.73	0.18	0.05	=	
MDSS0052	F5D010187	Pu-238	0.96	0.19	0.07	=	
MDSS0052	F5D010187	Pu-239/240	0.014	0.033	0.051	UJ	T06
MDSS0052	F5D010187	Th-228	0.54	0.15	0.05	=	
MDSS0052	F5D010187	Th-230	0.99	0.22	0.03	=	
MDSS0052	F5D010187	Th-232	0.49	0.14	0.03	=	
MDSS0051	F5D010187	Pu-238	1.64	0.29	0.08	=	
MDSS0051	F5D010187	Pu-239/240	0.026	0.037	0.051	UJ	T06
MDSS0051	F5D010187	Th-228	0.58	0.18	0.08	=	
MDSS0051	F5D010187	Th-230	1.11	0.26	0.05	=	
MDSS0051	F5D010187	Th-232	0.72	0.2	0.04	=	
MDSS0071	F5D010187	Pu-238	7.93	0.98	0.04	=	
MDSS0071	F5D010187	Pu-239/240	0.084	0.045	0.024	J	T04
MDSS0071	F5D010187	Th-228	0.55	0.15	0.06	=	
MDSS0071	F5D010187	Th-230	0.79	0.18	0.05	=	
MDSS0071	F5D010187	Th-232	0.58	0.15	0.03	=	
MDSS0068	F5D010187	Pu-238	14.2	1.8	0.05	=	
MDSS0068	F5D010187	Pu-239/240	0.14	0.063	0.017	=	
MDSS0068	F5D010187	Th-228	0.7	0.18	0.06	=	
MDSS0068	F5D010187	Th-230	0.99	0.22	0.04	=	
MDSS0068	F5D010187	Th-232	0.73	0.18	0.04	=	
MDSS0066	F5D010187	Pu-238	6.19	0.8	0.05	=	
MDSS0066	F5D010187	Pu-239/240	0.047	0.034	0.025	J	T04
MDSS0066	F5D010187	Th-228	0.52	0.13	0.03	=	
MDSS0066	F5D010187	Th-230	0.78	0.17	0.03	=	
MDSS0066	F5D010187	Th-232	0.48	0.13	0.04	=	
MDSS0067	F5D010187	Pu-238	8.4	1.2	0.06	=	
MDSS0067	F5D010187	Pu-239/240	0.084	0.055	0.039	J	T04
MDSS0067	F5D010187	Th-228	0.78	0.2	0.05	=	
MDSS0067	F5D010187	Th-230	1.06	0.24	0.05	=	
MDSS0067	F5D010187	Th-232	0.62	0.17	0.04	=	
MDSS0036	F5D010187	Pu-238	11	1.2	0.03	=	
MDSS0036	F5D010187	Pu-239/240	0.101	0.046	0.026	=	
MDSS0036	F5D010187	Th-228	1.05	0.22	0.03	=	
MDSS0036	F5D010187	Th-230	1.17	0.24	0.03	=	
MDSS0036	F5D010187	Th-232	0.77	0.18	0.03	=	
MDSS0065	F5D010187	Pu-238	0.48	0.12	0.04	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0065	F5D010187	Pu-239/240	0.018	0.024	0.032	UJ	T06
MDSS0065	F5D010187	Th-228	0.54	0.15	0.05	=	
MDSS0065	F5D010187	Th-230	0.88	0.21	0.03	=	
MDSS0065	F5D010187	Th-232	0.71	0.18	0.04	=	
MDSS0064	F5D010187	Pu-238	5.21	0.81	0.05	=	
MDSS0064	F5D010187	Pu-239/240	0.023	0.029	0.035	UJ	T06
MDSS0064	F5D010187	Th-228	0.42	0.17	0.11	=	
MDSS0064	F5D010187	Th-230	0.55	0.18	0.06	=	
MDSS0064	F5D010187	Th-232	0.35	0.14	0.07	=	
MDSS0045	F5D010187	Pu-238	71	8	0.05	=	
MDSS0045	F5D010187	Pu-239/240	0.53	0.13	0.03	=	
MDSS0045	F5D010187	Th-228	1.57	0.31	0.05	=	
MDSS0045	F5D010187	Th-230	1.03	0.23	0.02	=	
MDSS0045	F5D010187	Th-232	1.04	0.23	0.04	=	
MDSS0020	F5D010187	Pu-238	12	1.4	0.05	=	
MDSS0020	F5D010187	Pu-239/240	0.063	0.04	0.032	J	T04
MDSS0020	F5D010187	Th-228	1.05	0.22	0.05	=	
MDSS0020	F5D010187	Th-230	1.08	0.22	0.04	=	
MDSS0020	F5D010187	Th-232	0.88	0.19	0.03	=	
MDSS0043	F5D010187	Pu-238	12.1	1.6	0.04	=	
MDSS0043	F5D010187	Pu-239/240	0.087	0.051	0.029	J	T04
MDSS0043	F5D010187	Th-228	0.8	0.23	0.08	=	
MDSS0043	F5D010187	Th-230	0.61	0.19	0.05	=	
MDSS0043	F5D010187	Th-232	0.29	0.12	0.05	=	
MDSS0023	F5D010187	Pu-238	15.3	1.8	0.05	=	
MDSS0023	F5D010187	Pu-239/240	0.176	0.067	0.028	=	
MDSS0023	F5D010187	Th-228	0.88	0.2	0.05	=	
MDSS0023	F5D010187	Th-230	1.73	0.33	0.02	=	
MDSS0023	F5D010187	Th-232	0.66	0.17	0.02	=	
MDSS9001	F5D010187	Pu-238	13.6	1.6	0.05	=	
MDSS9001	F5D010187	Pu-239/240	0.13	0.057	0.03	=	
MDSS9001	F5D010187	Th-228	0.7	0.16	0.04	=	
MDSS9001	F5D010187	Th-230	1.24	0.24	0.03	=	
MDSS9001	F5D010187	Th-232	0.69	0.16	0.02	=	
MDSS0024	F5D010187	Pu-238	1.01	0.2	0.05	=	
MDSS0024	F5D010187	Pu-239/240	0.01	0.019	0.03	UJ	T06
MDSS0024	F5D010187	Th-228	0.65	0.17	0.04	=	
MDSS0024	F5D010187	Th-230	0.99	0.22	0.04	=	
MDSS0024	F5D010187	Th-232	0.71	0.17	0.02	=	
MDSS0017	F5D010187	Pu-238	21.1	2.4	0.04	=	
MDSS0017	F5D010187	Pu-239/240	0.15	0.06	0.015	=	
MDSS0017	F5D010187	Th-228	1.09	0.23	0.05	=	
MDSS0017	F5D010187	Th-230	1.37	0.27	0.02	=	
MDSS0017	F5D010187	Th-232	0.99	0.21	0.03	=	
MDSS0018	F5D010187	Pu-238	7.76	0.96	0.07	=	
MDSS0018	F5D010187	Pu-239/240	0.087	0.052	0.048	J	T04
MDSS0018	F5D010187	Th-228	0.67	0.2	0.06	=	
MDSS0018	F5D010187	Th-230	0.66	0.2	0.05	=	
MDSS0018	F5D010187	Th-232	0.49	0.17	0.03	=	
MDSS0041	F5D010187	Pu-238	5.78	0.69	0.03	=	
MDSS0041	F5D010187	Pu-239/240	0.053	0.034	0.025	J	T04
MDSS0041	F5D010187	Th-228	0.83	0.17	0.03	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0041	F5D010187	Th-230	1.05	0.2	0.02	=	
MDSS0041	F5D010187	Th-232	0.66	0.15	0.02	=	
MDSS0016	F5D010187	Pu-238	19	2.1	0.04	=	
MDSS0016	F5D010187	Pu-239/240	0.372	0.094	0.024	=	
MDSS0016	F5D010187	Th-228	1.4	0.27	0.04	=	
MDSS0016	F5D010187	Th-230	1.48	0.29	0.02	=	
MDSS0016	F5D010187	Th-232	1.09	0.23	0.02	=	
MDSS0019	F5D010187	Pu-238	13.9	1.5	0.05	=	
MDSS0019	F5D010187	Pu-239/240	0.176	0.064	0.038	=	
MDSS0019	F5D010187	Th-228	1.01	0.24	0.05	=	
MDSS0019	F5D010187	Th-230	0.53	0.16	0.05	=	
MDSS0019	F5D010187	Th-232	0.6	0.17	0.04	=	
MDSS0060	F5D010187	Pu-238	1.93	0.28	0.07	=	
MDSS0060	F5D010187	Pu-239/240	0.046	0.044	0.053	U	T05
MDSS0060	F5D010187	Th-228	0.91	0.2	0.03	=	
MDSS0060	F5D010187	Th-230	0.87	0.19	0.03	=	
MDSS0060	F5D010187	Th-232	0.73	0.17	0.02	=	
MDSS0010	F5D010187	Pu-238	14.3	1.6	0.06	=	
MDSS0010	F5D010187	Pu-239/240	0.226	0.076	0.043	=	
MDSS0010	F5D010187	Th-228	1.04	0.2	0.03	=	
MDSS0010	F5D010187	Th-230	0.95	0.19	0.03	=	
MDSS0010	F5D010187	Th-232	0.89	0.18	0.03	=	
MDSS0050	F5D010187	Pu-238	1.81	0.28	0.06	=	
MDSS0050	F5D010187	Pu-239/240	0.057	0.041	0.041	J	T04
MDSS0050	F5D010187	Th-228	0.83	0.18	0.05	=	
MDSS0050	F5D010187	Th-230	0.8	0.17	0.03	=	
MDSS0050	F5D010187	Th-232	0.85	0.18	0.02	=	
MDSS0009	F5D010187	Pu-238	5.41	0.71	0.05	=	
MDSS0009	F5D010187	Pu-239/240	0.089	0.048	0.025	J	T04
MDSS0009	F5D010187	Th-228	0.51	0.15	0.04	=	
MDSS0009	F5D010187	Th-230	0.35	0.12	0.02	J	F01
MDSS0009	F5D010187	Th-232	0.26	0.1	0.02	=	
MDSS0039	F5D060310	Pu-238	9.9	1.1	0.04	=	
MDSS0039	F5D060310	Pu-239/240	0.144	0.057	0.022	=	
MDSS0039	F5D060310	Th-228	1.21	0.23	0.03	=	
MDSS0039	F5D060310	Th-230	1.19	0.23	0.03	=	
MDSS0039	F5D060310	Th-232	0.88	0.18	0.03	=	
MDSS0001	F5D060310	Pu-238	0.56	0.13	0.04	=	
MDSS0001	F5D060310	Pu-239/240	0.011	0.018	0.026	UJ	T06
MDSS0001	F5D060310	Th-228	0.32	0.11	0.06	=	
MDSS0001	F5D060310	Th-230	0.94	0.21	0.02	=	
MDSS0001	F5D060310	Th-232	0.35	0.12	0.04	=	
MDSS0022	F5D060310	Pu-238	0.6	0.14	0.04	=	
MDSS0022	F5D060310	Pu-239/240	0.008	0.018	0.031	UJ	T06
MDSS0022	F5D060310	Th-228	0.64	0.15	0.04	=	
MDSS0022	F5D060310	Th-230	0.8	0.17	0.02	=	
MDSS0022	F5D060310	Th-232	0.71	0.16	0.03	=	
MDSS0032	F5D060310	Pu-238	1.29	0.22	0.03	=	
MDSS0032	F5D060310	Pu-239/240	0.016	0.02	0.024	UJ	T06
MDSS0032	F5D060310	Th-228	0.83	0.18	0.05	=	
MDSS0032	F5D060310	Th-230	0.89	0.18	0.03	=	
MDSS0032	F5D060310	Th-232	0.71	0.16	0.03	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0999	F5D060310	Pu-238	0.79	0.16	0.03	=	
MDSS0999	F5D060310	Pu-239/240	0.01	0.016	0.023	UJ	T06
MDSS0999	F5D060310	Th-228	0.8	0.17	0.04	=	
MDSS0999	F5D060310	Th-230	0.91	0.19	0.03	=	
MDSS0999	F5D060310	Th-232	0.82	0.17	0.03	=	
MDSS0021	F5D060310	Pu-238	0.84	0.17	0.03	=	
MDSS0021	F5D060310	Pu-239/240	0.0004	0.017	0.037	UJ	T06
MDSS0021	F5D060310	Th-228	1.01	0.2	0.04	=	
MDSS0021	F5D060310	Th-230	1.36	0.25	0.02	=	
MDSS0021	F5D060310	Th-232	0.94	0.19	0.02	=	
MDSS0070	F5D060310	Pu-238	10.6	1.2	0.04	=	
MDSS0070	F5D060310	Pu-239/240	0.12	0.054	0.015	=	
MDSS0070	F5D060310	Th-228	0.82	0.18	0.04	=	
MDSS0070	F5D060310	Th-230	0.71	0.17	0.03	=	
MDSS0070	F5D060310	Th-232	0.56	0.14	0.02	=	
MDSS0114	F5D060310	Pu-238	54.2	5.9	0.04	=	
MDSS0114	F5D060310	Pu-239/240	0.61	0.13	0.01	=	
MDSS0114	F5D060310	Th-228	3.12	0.46	0.03	=	
MDSS0114	F5D060310	Th-230	6.27	0.83	0.03	=	
MDSS0114	F5D060310	Th-232	1.66	0.28	0.02	=	
MDSS0086	F5D060310	Pu-238	1.76	0.29	0.07	=	
MDSS0086	F5D060310	Pu-239/240	0.02	0.034	0.05	UJ	T06
MDSS0086	F5D060310	Th-228	0.73	0.17	0.05	=	
MDSS0086	F5D060310	Th-230	1.24	0.24	0.02	=	
MDSS0086	F5D060310	Th-232	0.94	0.19	0.03	=	
MDSS0087	F5D060310	Pu-238	0.62	0.13	0.04	=	
MDSS0087	F5D060310	Pu-239/240	0	0	0.04	U	
MDSS0087	F5D060310	Th-228	0.85	0.19	0.05	=	
MDSS0087	F5D060310	Th-230	1.35	0.26	0.03	=	
MDSS0087	F5D060310	Th-232	0.89	0.19	0.03	=	
MDSS0075	F5D060310	Pu-238	0.76	0.15	0.03	=	
MDSS0075	F5D060310	Pu-239/240	0.012	0.021	0.032	UJ	T06
MDSS0075	F5D060310	Th-228	0.59	0.13	0.03	=	
MDSS0075	F5D060310	Th-230	0.91	0.18	0.01	=	
MDSS0075	F5D060310	Th-232	0.49	0.12	0.02	=	
MDSS0074	F5D060310	Pu-238	0.238	0.093	0.059	=	
MDSS0074	F5D060310	Pu-239/240	0	0	0.03	U	
MDSS0074	F5D060310	Th-228	0.52	0.16	0.05	=	
MDSS0074	F5D060310	Th-230	1.04	0.25	0.04	=	
MDSS0074	F5D060310	Th-232	0.63	0.18	0.02	=	
MDSS0079	F5D060310	Pu-238	4.98	0.68	0.1	=	
MDSS0079	F5D060310	Pu-239/240	0.066	0.062	0.076	U	T05
MDSS0079	F5D060310	Th-228	0.59	0.16	0.04	=	
MDSS0079	F5D060310	Th-230	0.65	0.17	0.04	=	
MDSS0079	F5D060310	Th-232	0.43	0.13	0.04	=	
MDSS0078	F5D060310	Pu-238	21.8	2.6	0.07	=	
MDSS0078	F5D060310	Pu-239/240	0.37	0.11	0.05	=	
MDSS0078	F5D060310	Th-228	1.23	0.23	0.04	=	
MDSS0078	F5D060310	Th-230	0.83	0.18	0.03	=	
MDSS0078	F5D060310	Th-232	0.76	0.17	0.03	=	
MDSS0080	F5D060310	Pu-238	14.9	1.8	0.07	=	
MDSS0080	F5D060310	Pu-239/240	0.212	0.077	0.045	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0080	F5D060310	Th-228	0.91	0.19	0.03	=	
MDSS0080	F5D060310	Th-230	0.93	0.19	0.02	=	
MDSS0080	F5D060310	Th-232	0.6	0.14	0.02	=	
MDSS0077	F5D060310	Pu-238	7.3	1	0.05	=	
MDSS0077	F5D060310	Pu-239/240	0.028	0.032	0.019	J	T04
MDSS0077	F5D060310	Th-228	0.96	0.23	0.05	=	
MDSS0077	F5D060310	Th-230	1.04	0.24	0.05	=	
MDSS0077	F5D060310	Th-232	0.81	0.2	0.04	=	
MDSS0069	F5D060310	Pu-238	0.77	0.16	0.04	=	
MDSS0069	F5D060310	Pu-239/240	0.005	0.012	0.024	UJ	T06
MDSS0069	F5D060310	Th-228	0.68	0.15	0.03	=	
MDSS0069	F5D060310	Th-230	1.03	0.2	0.02	=	
MDSS0069	F5D060310	Th-232	0.7	0.15	0.02	=	
MDSS0072	F5D060310	Pu-238	2.56	0.4	0.05	=	
MDSS0072	F5D060310	Pu-239/240	0.053	0.04	0.018	J	T04
MDSS0072	F5D060310	Th-228	0.75	0.17	0.03	=	
MDSS0072	F5D060310	Th-230	0.89	0.19	0.03	=	
MDSS0072	F5D060310	Th-232	0.74	0.17	0.03	=	
MDSS0073	F5D060310	Pu-238	10	1.3	0.05	=	
MDSS0073	F5D060310	Pu-239/240	0.226	0.08	0.027	=	
MDSS0073	F5D060310	Th-228	1.24	0.24	0.05	=	
MDSS0073	F5D060310	Th-230	0.97	0.2	0.03	=	
MDSS0073	F5D060310	Th-232	0.66	0.15	0.02	=	
MDSS0076	F5D060310	Pu-238	4.17	0.62	0.05	=	
MDSS0076	F5D060310	Pu-239/240	0.046	0.039	0.034	J	T04
MDSS0076	F5D060310	Th-228	0.44	0.14	0.04	=	
MDSS0076	F5D060310	Th-230	0.48	0.15	0.02	=	
MDSS0076	F5D060310	Th-232	0.218	0.093	0.023	=	
MDSS0177	F5D060323	Pu-238	2.68	0.38	0.04	J	J01
MDSS0177	F5D060323	Pu-239/240	0.018	0.024	0.032	UJ	T06
MDSS0177	F5D060323	Th-228	0.41	0.14	0.08	=	
MDSS0177	F5D060323	Th-230	0.48	0.15	0.05	=	
MDSS0177	F5D060323	Th-232	0.29	0.11	0.04	J	J01
MDSS0061	F5D060323	Pu-238	91	9.7	0.03	J	J01
MDSS0061	F5D060323	Pu-239/240	0.362	0.094	0.022	=	
MDSS0061	F5D060323	Th-228	1.86	0.34	0.04	=	
MDSS0061	F5D060323	Th-230	1.03	0.22	0.04	=	
MDSS0061	F5D060323	Th-232	0.75	0.18	0.03	J	J01
MDSS0062	F5D060323	Pu-238	5.09	0.69	0.05	J	J01
MDSS0062	F5D060323	Pu-239/240	0.014	0.024	0.036	UJ	T06
MDSS0062	F5D060323	Th-228	0.33	0.11	0.03	=	
MDSS0062	F5D060323	Th-230	0.55	0.15	0.04	=	
MDSS0062	F5D060323	Th-232	0.29	0.1	0.04	J	J01
MDSS0033	F5D060323	Pu-238	295	30	0.04	J	J01
MDSS0033	F5D060323	Pu-239/240	0.85	0.15	0.03	=	
MDSS0033	F5D060323	Th-228	4.01	0.59	0.04	=	
MDSS0033	F5D060323	Th-230	0.98	0.2	0.03	=	
MDSS0033	F5D060323	Th-232	0.57	0.14	0.03	J	J01
MDSS0025	F5D060323	Pu-238	15.3	1.8	0.04	J	J01
MDSS0025	F5D060323	Pu-239/240	0.032	0.027	0.023	J	T04
MDSS0025	F5D060323	Th-228	0.96	0.18	0.04	=	
MDSS0025	F5D060323	Th-230	1.28	0.22	0.01	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0025	F5D060323	Th-232	0.91	0.17	0.03	J	J01
MDSS0035	F5D060323	Pu-238	6.55	0.78	0.04	J	J01
MDSS0035	F5D060323	Pu-239/240	0.049	0.033	0.025	J	T04
MDSS0035	F5D060323	Th-228	1.02	0.19	0.03	=	
MDSS0035	F5D060323	Th-230	1.36	0.23	0.01	=	
MDSS0035	F5D060323	Th-232	1.01	0.19	0.03	J	J01
MDSS9002	F5D060323	Pu-238	8	1	0.06	J	J01
MDSS9002	F5D060323	Pu-239/240	0.027	0.029	0.033	UJ	T06
MDSS9002	F5D060323	Th-228	1.05	0.2	0.05	=	
MDSS9002	F5D060323	Th-230	1.5	0.26	0.03	=	
MDSS9002	F5D060323	Th-232	1.03	0.2	0.03	J	J01
MDSS0063	F5D060323	Pu-238	2.32	0.33	0.04	J	J01
MDSS0063	F5D060323	Pu-239/240	0.019	0.022	0.025	UJ	T06
MDSS0063	F5D060323	Th-228	0.56	0.14	0.05	=	
MDSS0063	F5D060323	Th-230	0.83	0.18	0.03	=	
MDSS0063	F5D060323	Th-232	0.67	0.16	0.03	J	J01
MDSS0026	F5D060323	Pu-238	27.7	2.9	0.03	J	J01
MDSS0026	F5D060323	Pu-239/240	0.07	0.037	0.02	J	T04
MDSS0026	F5D060323	Th-228	1.23	0.23	0.04	=	
MDSS0026	F5D060323	Th-230	0.97	0.19	0.02	=	
MDSS0026	F5D060323	Th-232	0.82	0.17	0.02	J	J01
MDSS0027	F5D060323	Pu-238	12.3	1.4	0.03	J	J01
MDSS0027	F5D060323	Pu-239/240	0.069	0.04	0.023	J	T04
MDSS0027	F5D060323	Th-228	0.54	0.15	0.05	=	
MDSS0027	F5D060323	Th-230	4.71	0.76	0.03	=	
MDSS0027	F5D060323	Th-232	0.48	0.14	0.02	J	J01
MDSS0029	F5D060323	Pu-238	4.13	0.55	0.03	J	J01
MDSS0029	F5D060323	Pu-239/240	0.022	0.025	0.015	J	T04
MDSS0029	F5D060323	Th-228	1.16	0.23	0.04	=	
MDSS0029	F5D060323	Th-230	1.42	0.26	0.03	=	
MDSS0029	F5D060323	Th-232	1.08	0.21	0.02	J	J01
MDSS0044	F5D060323	Pu-238	48.3	5.1	0.03	J	J01
MDSS0044	F5D060323	Pu-239/240	0.125	0.051	0.021	=	
MDSS0044	F5D060323	Th-228	1.51	0.27	0.05	=	
MDSS0044	F5D060323	Th-230	1.41	0.26	0.02	=	
MDSS0044	F5D060323	Th-232	1.03	0.21	0.03	J	J01
MDSS0034	F5D060323	Pu-238	5.45	0.67	0.04	J	J01
MDSS0034	F5D060323	Pu-239/240	0.014	0.019	0.025	UJ	T06
MDSS0034	F5D060323	Th-228	0.44	0.13	0.05	=	
MDSS0034	F5D060323	Th-230	0.5	0.14	0.04	=	
MDSS0034	F5D060323	Th-232	0.4	0.12	0.03	J	J01
MDSS0030	F5D060323	Pu-238	7.83	0.91	0.03	J	J01
MDSS0030	F5D060323	Pu-239/240	0.014	0.018	0.021	UJ	T06
MDSS0030	F5D060323	Th-228	0.96	0.19	0.04	=	
MDSS0030	F5D060323	Th-230	1.2	0.22	0.02	=	
MDSS0030	F5D060323	Th-232	0.83	0.17	0.03	J	J01
MDSS0042	F5D060323	Pu-238	8.1	0.95	0.04	J	J01
MDSS0042	F5D060323	Pu-239/240	0.005	0.014	0.014	UJ	T06
MDSS0042	F5D060323	Th-228	1.07	0.2	0.03	=	
MDSS0042	F5D060323	Th-230	1.49	0.25	0.03	=	
MDSS0042	F5D060323	Th-232	1.1	0.2	0.01	J	J01
MDSS0031	F5D060323	Pu-238	33.3	3.6	0.04	J	J01

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0031	F5D060323	Pu-239/240	0.108	0.049	0.022	=	
MDSS0031	F5D060323	Th-228	1.49	0.27	0.03	=	
MDSS0031	F5D060323	Th-230	1.03	0.21	0.03	=	
MDSS0031	F5D060323	Th-232	0.99	0.2	0.03	J	J01
MDSS0040	F5D060323	Pu-238	13.8	1.6	0.04	J	J01
MDSS0040	F5D060323	Pu-239/240	0.037	0.03	0.027	J	T04
MDSS0040	F5D060323	Th-228	1.9	0.31	0.04	=	
MDSS0040	F5D060323	Th-230	1.17	0.22	0.03	=	
MDSS0040	F5D060323	Th-232	1.46	0.26	0.02	J	J01
MDSS0097	F5D060323	Pu-238	1	0.18	0.03	J	J01
MDSS0097	F5D060323	Pu-239/240	0.004	0.012	0.023	UJ	T06
MDSS0097	F5D060323	Th-228	1.15	0.23	0.03	=	
MDSS0097	F5D060323	Th-230	1.02	0.22	0.02	=	
MDSS0097	F5D060323	Th-232	0.99	0.21	0.02	J	J01
MDSS0155	F5D060323	Pu-238	1.46	0.24	0.03	J	J01
MDSS0155	F5D060323	Pu-239/240	0.011	0.019	0.015	UJ	T06
MDSS0155	F5D060323	Th-228	0.288	0.094	0.039	=	
MDSS0155	F5D060323	Th-230	0.58	0.14	0.03	=	
MDSS0155	F5D060323	Th-232	0.286	0.092	0.027	J	J01
MDSS0153	F5D060323	Pu-238	0.091	0.049	0.039	J	J01
MDSS0153	F5D060323	Pu-239/240	0.004	0.012	0.023	UJ	T06
MDSS0153	F5D060323	Th-228	0.57	0.15	0.03	=	
MDSS0153	F5D060323	Th-230	0.77	0.18	0.03	=	
MDSS0153	F5D060323	Th-232	0.54	0.14	0.02	J	J01
MDSS0167	F5D060341	Pu-238	0.47	0.13	0.04	=	
MDSS0167	F5D060341	Pu-239/240	0.008	0.022	0.039	UJ	T06
MDSS0167	F5D060341	Th-228	0.222	0.09	0.034	J	F01
MDSS0167	F5D060341	Th-230	0.47	0.14	0.04	=	
MDSS0167	F5D060341	Th-232	0.221	0.09	0.034	=	
MDSS0170	F5D060341	Pu-238	4.61	0.56	0.05	=	
MDSS0170	F5D060341	Pu-239/240	0.027	0.031	0.04	UJ	T06
MDSS0170	F5D060341	Th-228	0.5	0.15	0.04	J	F01
MDSS0170	F5D060341	Th-230	0.75	0.19	0.02	=	
MDSS0170	F5D060341	Th-232	0.42	0.13	0.04	=	
MDSS0157	F5D060341	Pu-238	16.9	2	0.09	=	
MDSS0157	F5D060341	Pu-239/240	0.015	0.046	0.068	UJ	T06
MDSS0157	F5D060341	Th-228	0.58	0.16	0.05	=	
MDSS0157	F5D060341	Th-230	0.91	0.21	0.03	=	
MDSS0157	F5D060341	Th-232	0.49	0.14	0.02	=	
MDSS0152	F5D060341	Pu-238	0.41	0.11	0.06	=	
MDSS0152	F5D060341	Pu-239/240	0.007	0.028	0.046	UJ	T06
MDSS0152	F5D060341	Th-228	0.62	0.18	0.05	=	
MDSS0152	F5D060341	Th-230	0.72	0.2	0.05	=	
MDSS0152	F5D060341	Th-232	0.58	0.17	0.02	=	
MDSS0166	F5D060341	Pu-238	1.69	0.33	0.1	=	
MDSS0166	F5D060341	Pu-239/240	0	0	0.06	U	
MDSS0166	F5D060341	Th-228	0.39	0.14	0.08	J	F01
MDSS0166	F5D060341	Th-230	0.6	0.18	0.05	=	
MDSS0166	F5D060341	Th-232	0.37	0.14	0.04	=	
MDSS0150	F5D060341	Pu-238	0.64	0.13	0.04	=	
MDSS0150	F5D060341	Pu-239/240	0.009	0.015	0.022	UJ	T06
MDSS0150	F5D060341	Th-228	0.85	0.23	0.07	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0150	F5D060341	Th-230	0.92	0.24	0.04	=	
MDSS0150	F5D060341	Th-232	0.79	0.22	0.03	=	
MDSS0148	F5D060341	Pu-238	0.322	0.093	0.039	=	
MDSS0148	F5D060341	Pu-239/240	0.004	0.012	0.024	UJ	T06
MDSS0148	F5D060341	Th-228	0.6	0.16	0.06	=	
MDSS0148	F5D060341	Th-230	1.01	0.22	0.04	=	
MDSS0148	F5D060341	Th-232	0.65	0.16	0.02	=	
MDSS0147	F5D060341	Pu-238	6.6	1.1	0.07	=	
MDSS0147	F5D060341	Pu-239/240	0.072	0.06	0.028	J	T04
MDSS0147	F5D060341	Th-228	0.69	0.18	0.07	=	
MDSS0147	F5D060341	Th-230	0.82	0.2	0.02	=	
MDSS0147	F5D060341	Th-232	0.5	0.14	0.03	=	
MDSS0175	F5D060341	Pu-238	14.5	1.6	0.04	=	
MDSS0175	F5D060341	Pu-239/240	0.046	0.032	0.022	J	T04
MDSS0175	F5D060341	Th-228	0.65	0.15	0.04	=	
MDSS0175	F5D060341	Th-230	0.59	0.15	0.03	=	
MDSS0175	F5D060341	Th-232	0.5	0.13	0.03	=	
MDSS0161	F5D060341	Pu-238	1.77	0.27	0.04	=	
MDSS0161	F5D060341	Pu-239/240	0.044	0.032	0.025	J	T04
MDSS0161	F5D060341	Th-228	0.36	0.12	0.06	J	F01
MDSS0161	F5D060341	Th-230	0.66	0.17	0.06	=	
MDSS0161	F5D060341	Th-232	0.35	0.11	0.05	=	
MDSS0168	F5D060341	Pu-238	0.84	0.16	0.04	=	
MDSS0168	F5D060341	Pu-239/240	0	0	0.03	U	
MDSS0168	F5D060341	Th-228	0.5	0.16	0.08	J	F01
MDSS0168	F5D060341	Th-230	0.83	0.21	0.06	=	
MDSS0168	F5D060341	Th-232	0.46	0.14	0.05	=	
MDSS0169	F5D060341	Pu-238	0.8	0.16	0.04	=	
MDSS0169	F5D060341	Pu-239/240	0.001	0.014	0.03	UJ	T06
MDSS0169	F5D060341	Th-228	0.58	0.16	0.05	=	
MDSS0169	F5D060341	Th-230	0.85	0.2	0.03	=	
MDSS0169	F5D060341	Th-232	0.52	0.15	0.03	=	
MDSS0146	F5D060341	Pu-238	2.2	0.34	0.04	=	
MDSS0146	F5D060341	Pu-239/240	0	0	0.02	U	
MDSS0146	F5D060341	Th-228	0.56	0.16	0.07	=	
MDSS0146	F5D060341	Th-230	1.02	0.24	0.04	=	
MDSS0146	F5D060341	Th-232	0.59	0.16	0.04	=	
MDSS0164	F5D060341	Pu-238	0.146	0.069	0.053	=	
MDSS0164	F5D060341	Pu-239/240	0.002	0.017	0.036	UJ	T06
MDSS0164	F5D060341	Th-228	0.24	0.32	0.41	R	F01, G02, T06
MDSS0164DL	F5D060341	Th-228	0.25	0.2	0.23	J	F01, T04
MDSS0164	F5D060341	Th-230	0.38	0.23	0.18	R	F01, G02, T04
MDSS0164DL	F5D060341	Th-230	0.46	0.2	0.1	J	F01
MDSS0164	F5D060341	Th-232	0.19	0.18	0.21	R	G02, T05
MDSS0164DL	F5D060341	Th-232	0.21	0.14	0.05	J	T04
MDSS0145	F5D060341	Pu-238	1.63	0.27	0.05	=	
MDSS0145	F5D060341	Pu-239/240	0	0	0.03	U	
MDSS0145	F5D060341	Th-228	0.59	0.17	0.07	=	
MDSS0145	F5D060341	Th-230	0.76	0.19	0.04	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0145	F5D060341	Th-232	0.6	0.17	0.04	=	
MDSS0143	F5D060341	Pu-238	2.88	0.4	0.04	=	
MDSS0143	F5D060341	Pu-239/240	0.021	0.022	0.023	UJ	T06
MDSS0143	F5D060341	Th-228	0.43	0.13	0.04	J	F01
MDSS0143	F5D060341	Th-230	0.52	0.14	0.04	=	
MDSS0143	F5D060341	Th-232	0.31	0.1	0.03	=	
MDSS0140	F5D060341	Pu-238	1.56	0.25	0.04	=	
MDSS0140	F5D060341	Pu-239/240	0.003	0.013	0.027	UJ	T06
MDSS0140	F5D060341	Th-228	0.82	0.19	0.05	=	
MDSS0140	F5D060341	Th-230	1.05	0.23	0.02	=	
MDSS0140	F5D060341	Th-232	0.95	0.21	0.04	=	
MDSS0174	F5D060341	Pu-238	28.2	3.1	0.05	=	
MDSS0174	F5D060341	Pu-239/240	0.137	0.056	0.028	=	
MDSS0174	F5D060341	Th-228	1.19	0.28	0.07	=	
MDSS0174	F5D060341	Th-230	0.99	0.25	0.05	=	
MDSS0174	F5D060341	Th-232	0.55	0.17	0.04	=	
MDSS0138	F5D060341	Pu-238	26	3	0.05	=	
MDSS0138	F5D060341	Pu-239/240	0.121	0.056	0.029	=	
MDSS0138	F5D060341	Th-228	1.06	0.26	0.07	=	
MDSS0138	F5D060341	Th-230	0.86	0.22	0.05	=	
MDSS0138	F5D060341	Th-232	0.76	0.21	0.05	=	
MDSS0149	F5D060341	Pu-238	92.8	9.4	0.03	=	
MDSS0149	F5D060341	Pu-239/240	0.47	0.1	0.02	=	
MDSS0149	F5D060341	Th-228	2.26	0.39	0.05	=	
MDSS0149	F5D060341	Th-230	1.76	0.32	0.02	=	
MDSS0149	F5D060341	Th-232	0.95	0.21	0.02	=	
MDSS0028	F5D060351	Pu-238	10.7	1.3	0.04	=	
MDSS0028	F5D060351	Pu-239/240	0.028	0.028	0.015	J	T04
MDSS0028	F5D060351	Th-228	0.48	0.13	0.04	=	
MDSS0028	F5D060351	Th-230	0.89	0.19	0.03	=	
MDSS0028	F5D060351	Th-232	0.4	0.11	0.02	J	J01
MDSS0156	F5D060351	Pu-238	4.83	0.66	0.05	=	
MDSS0156	F5D060351	Pu-239/240	0.024	0.026	0.027	UJ	T06
MDSS0156	F5D060351	Th-228	0.78	0.17	0.05	=	
MDSS0156	F5D060351	Th-230	1.18	0.22	0.03	=	
MDSS0156	F5D060351	Th-232	0.59	0.14	0.02	J	J01
MDSS9006	F5D060351	Pu-238	6.75	0.85	0.04	=	
MDSS9006	F5D060351	Pu-239/240	0.008	0.018	0.031	UJ	T06
MDSS9006	F5D060351	Th-228	0.5	0.11	0.02	=	
MDSS9006	F5D060351	Th-230	0.71	0.14	0.01	=	
MDSS9006	F5D060351	Th-232	0.46	0.11	0.01	J	J01
MDSS0163	F5D060351	Pu-238	0.044	0.034	0.033	J	T04
MDSS0163	F5D060351	Pu-239/240	0	0	0.02	U	
MDSS0163	F5D060351	Th-228	0.58	0.16	0.04	=	
MDSS0163	F5D060351	Th-230	1.08	0.24	0.03	=	
MDSS0163	F5D060351	Th-232	0.51	0.15	0.02	J	J01
MDSS0158	F5D060351	Pu-238	0.35	0.099	0.025	=	
MDSS0158	F5D060351	Pu-239/240	0.021	0.025	0.029	UJ	T06
MDSS0158	F5D060351	Th-228	0.74	0.15	0.03	=	
MDSS0158	F5D060351	Th-230	1.27	0.22	0.02	=	
MDSS0158	F5D060351	Th-232	0.91	0.18	0.01	J	J01
MDSS0165	F5D060351	Pu-238	0.65	0.15	0.04	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0165	F5D060351	Pu-239/240	0	0	0.03	U	
MDSS0165	F5D060351	Th-228	0.27	0.1	0.03	=	
MDSS0165	F5D060351	Th-230	0.43	0.13	0.04	=	
MDSS0165	F5D060351	Th-232	0.271	0.0995	0.033	J	J01
MDSS0162	F5D060351	Pu-238	1.95	0.29	0.03	=	
MDSS0162	F5D060351	Pu-239/240	0.006	0.018	0.033	UJ	T06
MDSS0162	F5D060351	Th-228	0.53	0.15	0.03	=	
MDSS0162	F5D060351	Th-230	0.51	0.14	0.02	=	
MDSS0162	F5D060351	Th-232	0.35	0.12	0.02	J	J01
MDSS9008	F5D060351	Pu-238	2.13	0.32	0.06	=	
MDSS9008	F5D060351	Pu-239/240	0.024	0.034	0.046	UJ	T06
MDSS9008	F5D060351	Th-228	0.43	0.13	0.04	=	
MDSS9008	F5D060351	Th-230	0.67	0.17	0.02	=	
MDSS9008	F5D060351	Th-232	0.4	0.12	0.03	J	J01
MDSS0142	F5D060351	Pu-238	0.8	0.17	0.06	=	
MDSS0142	F5D060351	Pu-239/240	0.001	0.029	0.052	UJ	T06
MDSS0142	F5D060351	Th-228	0.88	0.21	0.05	=	
MDSS0142	F5D060351	Th-230	0.88	0.21	0.03	=	
MDSS0142	F5D060351	Th-232	0.61	0.16	0.02	J	J01
MDSS0173	F5D060351	Pu-238	32.6	3.5	0.03	=	
MDSS0173	F5D060351	Pu-239/240	0.286	0.082	0.029	=	
MDSS0173	F5D060351	Th-228	1.25	0.25	0.04	=	
MDSS0173	F5D060351	Th-230	1.12	0.23	0.03	=	
MDSS0173	F5D060351	Th-232	0.93	0.2	0.02	J	J01
MDSS0172	F5D060351	Pu-238	11.9	1.5	0.06	=	
MDSS0172	F5D060351	Pu-239/240	0.025	0.028	0.033	UJ	T06
MDSS0172	F5D060351	Th-228	1.02	0.21	0.04	=	
MDSS0172	F5D060351	Th-230	1.11	0.23	0.03	=	
MDSS0172	F5D060351	Th-232	0.95	0.2	0.03	J	J01
MDSS0171	F5D060351	Pu-238	98	11	0.09	=	
MDSS0171	F5D060351	Pu-239/240	0.299	0.095	0.065	=	
MDSS0171	F5D060351	Th-228	1.52	0.28	0.04	=	
MDSS0171	F5D060351	Th-230	1.6	0.29	0.03	=	
MDSS0171	F5D060351	Th-232	1.39	0.26	0.04	J	J01
MDSS0151	F5D060351	Pu-238	2.66	0.38	0.06	=	
MDSS0151	F5D060351	Pu-239/240	0.008	0.028	0.047	UJ	T06
MDSS0151	F5D060351	Th-228	0.83	0.19	0.03	=	
MDSS0151	F5D060351	Th-230	1.04	0.22	0.04	=	
MDSS0151	F5D060351	Th-232	0.83	0.19	0.04	J	J01
MDSS0091	F5D060351	Pu-238	85.2	9.3	0.06	=	
MDSS0091	F5D060351	Pu-239/240	0.361	0.098	0.042	=	
MDSS0091	F5D060351	Th-228	1.88	0.38	0.05	=	
MDSS0091	F5D060351	Th-230	0.79	0.2	0.04	=	
MDSS0091	F5D060351	Th-232	0.72	0.19	0.04	J	J01
MDSS0082	F5D060351	Pu-238	19.5	2.3	0.05	=	
MDSS0082	F5D060351	Pu-239/240	0.072	0.042	0.024	J	T04
MDSS0082	F5D060351	Th-228	1.04	0.23	0.06	=	
MDSS0082	F5D060351	Th-230	1.19	0.25	0.02	=	
MDSS0082	F5D060351	Th-232	0.89	0.2	0.04	J	J01
MDSS0083	F5D060351	Pu-238	12.7	1.4	0.03	=	
MDSS0083	F5D060351	Pu-239/240	0.035	0.029	0.014	J	T04
MDSS0083	F5D060351	Th-228	0.94	0.19	0.03	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0083	F5D060351	Th-230	1.26	0.23	0.03	=	
MDSS0083	F5D060351	Th-232	0.92	0.18	0.02	J	J01
MDSS0123	F5D060351	Pu-238	18.4	2.1	0.04	=	
MDSS0123	F5D060351	Pu-239/240	0.086	0.045	0.023	J	T04
MDSS0123	F5D060351	Th-228	0.8	0.16	0.03	=	
MDSS0123	F5D060351	Th-230	1.12	0.21	0.03	=	
MDSS0123	F5D060351	Th-232	0.89	0.18	0.02	J	J01
MDSS0124	F5D060351	Pu-238	0.95	0.18	0.04	=	
MDSS0124	F5D060351	Pu-239/240	0.016	0.021	0.014	J	T04
MDSS0124	F5D060351	Th-228	1.13	0.23	0.04	=	
MDSS0124	F5D060351	Th-230	1.48	0.28	0.03	=	
MDSS0124	F5D060351	Th-232	0.98	0.21	0.02	J	J01
MDSS0125	F5D060351	Pu-238	0.33	0.1	0.05	=	
MDSS0125	F5D060351	Pu-239/240	0.011	0.019	0.027	UJ	T06
MDSS0125	F5D060351	Th-228	0.83	0.16	0.03	=	
MDSS0125	F5D060351	Th-230	1.19	0.21	0.03	=	
MDSS0125	F5D060351	Th-232	0.81	0.16	0.03	J	J01
MDSS0126	F5D060351	Pu-238	0.33	0.1	0.05	=	
MDSS0126	F5D060351	Pu-239/240	0.023	0.027	0.031	UJ	T06
MDSS0126	F5D060351	Th-228	0.6	0.14	0.03	=	
MDSS0126	F5D060351	Th-230	0.65	0.15	0.02	=	
MDSS0126	F5D060351	Th-232	0.37	0.11	0.02	J	J01
MDSS0127	F5D060367	Pu-238	0.364	0.096	0.036	=	
MDSS0127	F5D060367	Pu-239/240	0.005	0.014	0.014	UJ	T06
MDSS0127	F5D060367	Th-228	1.06	0.21	0.05	J	J01
MDSS0127	F5D060367	Th-230	1.62	0.29	0.03	=	
MDSS0127	F5D060367	Th-232	0.91	0.19	0.02	J	J01
MDSS0121	F5D060367	Pu-238	0.161	0.064	0.039	=	
MDSS0121	F5D060367	Pu-239/240	0.009	0.016	0.026	UJ	T06
MDSS0121	F5D060367	Th-228	0.76	0.17	0.03	J	J01
MDSS0121	F5D060367	Th-230	1.36	0.25	0.02	=	
MDSS0121	F5D060367	Th-232	0.72	0.16	0.03	J	J01
MDSS0122	F5D060367	Pu-238	0.134	0.058	0.039	=	
MDSS0122	F5D060367	Pu-239/240	0.012	0.02	0.03	UJ	T06
MDSS0122	F5D060367	Th-228	0.56	0.14	0.03	J	J01
MDSS0122	F5D060367	Th-230	1.26	0.24	0.03	=	
MDSS0122	F5D060367	Th-232	0.55	0.14	0.02	J	J01
MDSS0119	F5D060367	Pu-238	0.207	0.072	0.041	=	
MDSS0119	F5D060367	Pu-239/240	0.001	0.014	0.03	UJ	T06
MDSS0119	F5D060367	Th-228	0.45	0.13	0.03	J	J01
MDSS0119	F5D060367	Th-230	0.89	0.21	0.02	=	
MDSS0119	F5D060367	Th-232	0.38	0.12	0.02	J	J01
MDSS0128	F5D060367	Pu-238	2.27	0.35	0.04	=	
MDSS0128	F5D060367	Pu-239/240	0.023	0.024	0.025	UJ	T06
MDSS0128	F5D060367	Th-228	0.46	0.14	0.06	J	J01
MDSS0128	F5D060367	Th-230	0.74	0.18	0.04	=	
MDSS0128	F5D060367	Th-232	0.33	0.11	0.02	J	J01
MDSS0141	F5D060367	Pu-238	28.6	3.2	0.04	=	
MDSS0141	F5D060367	Pu-239/240	0.307	0.089	0.031	=	
MDSS0141	F5D060367	Th-228	1.11	0.26	0.08	J	J01
MDSS0141	F5D060367	Th-230	0.95	0.23	0.02	=	
MDSS0141	F5D060367	Th-232	0.78	0.21	0.04	J	J01

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0144	F5D060367	Pu-238	13.2	1.5	0.04	=	
MDSS0144	F5D060367	Pu-239/240	0.158	0.06	0.029	=	
MDSS0144	F5D060367	Th-228	0.65	0.17	0.05	J	J01
MDSS0144	F5D060367	Th-230	0.86	0.21	0.04	=	
MDSS0144	F5D060367	Th-232	0.65	0.17	0.03	J	J01
MDSS0098	F5D060367	Pu-238	6.16	0.82	0.04	=	
MDSS0098	F5D060367	Pu-239/240	0.093	0.05	0.027	J	T04
MDSS0098	F5D060367	Th-228	0.91	0.24	0.08	J	J01
MDSS0098	F5D060367	Th-230	0.89	0.24	0.08	=	
MDSS0098	F5D060367	Th-232	0.73	0.21	0.07	J	J01
MDSS0095	F5D060367	Pu-238	2.29	0.34	0.04	=	
MDSS0095	F5D060367	Pu-239/240	0.048	0.034	0.027	J	T04
MDSS0095	F5D060367	Th-228	0.92	0.23	0.07	J	J01
MDSS0095	F5D060367	Th-230	1.03	0.24	0.06	=	
MDSS0095	F5D060367	Th-232	0.94	0.23	0.05	J	J01
MDSS9004	F5D060367	Pu-238	2.2	0.32	0.05	=	
MDSS9004	F5D060367	Pu-239/240	0.039	0.031	0.028	J	T04
MDSS9004	F5D060367	Th-228	0.84	0.22	0.06	J	J01
MDSS9004	F5D060367	Th-230	1.15	0.27	0.04	=	
MDSS9004	F5D060367	Th-232	0.9	0.23	0.04	J	J01
MDSS0093	F5D060367	Pu-238	48.8	5.4	0.04	=	
MDSS0093	F5D060367	Pu-239/240	0.43	0.11	0.03	=	
MDSS0093	F5D060367	Th-228	1.39	0.28	0.07	J	J01
MDSS0093	F5D060367	Th-230	1.37	0.28	0.04	=	
MDSS0093	F5D060367	Th-232	1.02	0.23	0.03	J	J01
MDSS0101	F5D060367	Pu-238	24.3	2.6	0.03	=	
MDSS0101	F5D060367	Pu-239/240	0.359	0.093	0.022	=	
MDSS0101	F5D060367	Th-228	1.05	0.21	0.06	J	J01
MDSS0101	F5D060367	Th-230	1.08	0.22	0.05	=	
MDSS0101	F5D060367	Th-232	0.79	0.17	0.03	J	J01
MDSS0104	F5D060367	Pu-238	28.4	3.1	0.03	=	
MDSS0104	F5D060367	Pu-239/240	0.44	0.1	0.02	=	
MDSS0104	F5D060367	Th-228	0.91	0.21	0.06	J	J01
MDSS0104	F5D060367	Th-230	0.91	0.21	0.04	=	
MDSS0104	F5D060367	Th-232	0.86	0.2	0.04	J	J01
MDSS0107	F5D060367	Pu-238	73.7	7.6	0.04	=	
MDSS0107	F5D060367	Pu-239/240	1.31	0.21	0.01	=	
MDSS0107	F5D060367	Th-228	1.32	0.27	0.05	J	J01
MDSS0107	F5D060367	Th-230	0.78	0.19	0.04	=	
MDSS0107	F5D060367	Th-232	0.66	0.17	0.04	J	J01
MDSS0084	F5D060367	Pu-238	71.8	7.2	0.03	=	
MDSS0084	F5D060367	Pu-239/240	1.06	0.17	0.02	=	
MDSS0084	F5D060367	Th-228	0.99	0.22	0.03	J	J01
MDSS0084	F5D060367	Th-230	0.79	0.19	0.04	=	
MDSS0084	F5D060367	Th-232	0.35	0.11	0.04	J	J01
MDSS0085	F5D060367	Pu-238	24	2.7	0.04	=	
MDSS0085	F5D060367	Pu-239/240	0.39	0.1	0.03	=	
MDSS0085	F5D060367	Th-228	0.64	0.19	0.06	J	J01
MDSS0085	F5D060367	Th-230	0.68	0.2	0.04	=	
MDSS0085	F5D060367	Th-232	0.34	0.13	0.05	J	J01
MDSS0131	F5D060367	Pu-238	3.54	0.48	0.04	=	
MDSS0131	F5D060367	Pu-239/240	0.065	0.039	0.024	J	T04

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0131	F5D060367	Th-228	0.95	0.22	0.06	J	J01
MDSS0131	F5D060367	Th-230	1.18	0.25	0.02	=	
MDSS0131	F5D060367	Th-232	0.74	0.18	0.04	J	J01
MDSS0135	F5D060367	Pu-238	0.9	0.17	0.04	=	
MDSS0135	F5D060367	Pu-239/240	0.03	0.028	0.029	J	T04
MDSS0135	F5D060367	Th-228	0.94	0.19	0.04	J	J01
MDSS0135	F5D060367	Th-230	1.38	0.25	0.02	=	
MDSS0135	F5D060367	Th-232	0.99	0.2	0.03	J	J01
MDSS0133	F5D060367	Pu-238	17.5	1.8	0.03	=	
MDSS0133	F5D060367	Pu-239/240	0.222	0.068	0.02	=	
MDSS0133	F5D060367	Th-228	0.89	0.2	0.05	J	J01
MDSS0133	F5D060367	Th-230	1.03	0.22	0.04	=	
MDSS0133	F5D060367	Th-232	0.78	0.18	0.03	J	J01
MDSS0137	F5D060367	Pu-238	0.63	0.13	0.03	=	
MDSS0137	F5D060367	Pu-239/240	0.004	0.01	0.02	UJ	T06
MDSS0137	F5D060367	Th-228	0.86	0.29	0.16	J	J01
MDSS0137	F5D060367	Th-230	1.18	0.34	0.05	=	
MDSS0137	F5D060367	Th-232	0.64	0.24	0.12	J	J01
MDSS0120	F5D060377	Pu-238	0.112	0.053	0.038	J	J01
MDSS0120	F5D060377	Pu-239/240	0.016	0.022	0.029	UJ	T06
MDSS0120	F5D060377	Th-228	0.63	0.17	0.06	=	
MDSS0120	F5D060377	Th-230	1.06	0.24	0.02	=	
MDSS0120	F5D060377	Th-232	0.51	0.15	0.02	=	
MDSS0096	F5D060377	Pu-238	0.63	0.13	0.03	J	J01
MDSS0096	F5D060377	Pu-239/240	0.014	0.018	0.021	UJ	T06
MDSS0096	F5D060377	Th-228	0.241	0.087	0.039	J	F01
MDSS0096	F5D060377	Th-230	0.62	0.15	0.03	=	
MDSS0096	F5D060377	Th-232	0.278	0.094	0.018	=	
MDSS0099	F5D060377	Pu-238	18.3	2.1	0.05	J	J01
MDSS0099	F5D060377	Pu-239/240	0.14	0.058	0.029	=	
MDSS0099	F5D060377	Th-228	0.96	0.21	0.05	=	
MDSS0099	F5D060377	Th-230	1.05	0.23	0.02	=	
MDSS0099	F5D060377	Th-232	0.67	0.17	0.03	=	
MDSS0090	F5D060377	Pu-238	1.03	0.18	0.04	J	J01
MDSS0090	F5D060377	Pu-239/240	0.032	0.029	0.03	J	T04
MDSS0090	F5D060377	Th-228	0.93	0.21	0.05	=	
MDSS0090	F5D060377	Th-230	1.07	0.23	0.04	=	
MDSS0090	F5D060377	Th-232	0.99	0.22	0.03	=	
MDSS9003	F5D060377	Pu-238	0.82	0.16	0.03	J	J01
MDSS9003	F5D060377	Pu-239/240	0.036	0.028	0.022	J	T04
MDSS9003	F5D060377	Th-228	0.91	0.19	0.04	=	
MDSS9003	F5D060377	Th-230	0.9	0.19	0.02	=	
MDSS9003	F5D060377	Th-232	0.87	0.18	0.03	=	
MDSS0092	F5D060377	Pu-238	0.6	0.13	0.04	J	J01
MDSS0092	F5D060377	Pu-239/240	0.02	0.023	0.026	UJ	T06
MDSS0092	F5D060377	Th-228	1.04	0.2	0.03	=	
MDSS0092	F5D060377	Th-230	0.74	0.16	0.03	=	
MDSS0092	F5D060377	Th-232	0.78	0.17	0.02	=	
MDSS0108	F5D060377	Pu-238	0.58	0.13	0.05	J	J01
MDSS0108	F5D060377	Pu-239/240	0.013	0.02	0.029	UJ	T06
MDSS0108	F5D060377	Th-228	0.84	0.19	0.04	=	
MDSS0108	F5D060377	Th-230	1.06	0.22	0.03	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0108	F5D060377	Th-232	0.9	0.19	0.03	=	
MDSS0102	F5D060377	Pu-238	0.5	0.13	0.05	J	J01
MDSS0102	F5D060377	Pu-239/240	-0.002	-0.014	0.029	U	T05
MDSS0102	F5D060377	Th-228	0.73	0.18	0.05	=	
MDSS0102	F5D060377	Th-230	1.01	0.23	0.03	=	
MDSS0102	F5D060377	Th-232	0.78	0.19	0.03	=	
MDSS0103	F5D060377	Pu-238	73	7.8	0.03	J	J01
MDSS0103	F5D060377	Pu-239/240	0.69	0.14	0.02	=	
MDSS0103	F5D060377	Th-228	1.44	0.26	0.03	=	
MDSS0103	F5D060377	Th-230	1.49	0.27	0.02	=	
MDSS0103	F5D060377	Th-232	0.97	0.2	0.02	=	
MDSS0105	F5D060377	Pu-238	3.42	0.44	0.03	J	J01
MDSS0105	F5D060377	Pu-239/240	0.043	0.03	0.021	J	T04
MDSS0105	F5D060377	Th-228	0.96	0.2	0.04	=	
MDSS0105	F5D060377	Th-230	0.92	0.19	0.03	=	
MDSS0105	F5D060377	Th-232	1.05	0.21	0.02	=	
MDSS0111	F5D060377	Pu-238	24.9	2.6	0.03	J	J01
MDSS0111	F5D060377	Pu-239/240	0.432	0.099	0.012	=	
MDSS0111	F5D060377	Th-228	1.39	0.26	0.03	=	
MDSS0111	F5D060377	Th-230	1.06	0.21	0.03	=	
MDSS0111	F5D060377	Th-232	0.93	0.2	0.02	=	
MDSS0130	F5D060377	Pu-238	274	36	5	J	J01
MDSS0130	F5D060377	Pu-239/240	4.4	3.6	4	J	T04
MDSS0130	F5D060377	Th-228	3.14	0.5	0.03	=	
MDSS0130	F5D060377	Th-230	3.32	0.53	0.03	=	
MDSS0130	F5D060377	Th-232	1.32	0.26	0.03	=	
MDSS0115	F5D060377	Pu-238	46.7	4.9	0.03	J	J01
MDSS0115	F5D060377	Pu-239/240	0.384	0.094	0.023	=	
MDSS0115	F5D060377	Th-228	1.77	0.31	0.05	=	
MDSS0115	F5D060377	Th-230	1.15	0.23	0.03	=	
MDSS0115	F5D060377	Th-232	1.08	0.22	0.02	=	
MDSS0117	F5D060377	Pu-238	39.3	4.3	0.04	J	J01
MDSS0117	F5D060377	Pu-239/240	0.72	0.15	0.02	=	
MDSS0117	F5D060377	Th-228	0.87	0.18	0.02	=	
MDSS0117	F5D060377	Th-230	0.73	0.16	0.02	=	
MDSS0117	F5D060377	Th-232	0.75	0.16	0.02	=	
MDSS0132	F5D060377	Pu-238	13.5	1.5	0.03	J	J01
MDSS0132	F5D060377	Pu-239/240	0.171	0.063	0.028	=	
MDSS0132	F5D060377	Th-228	0.78	0.18	0.04	=	
MDSS0132	F5D060377	Th-230	0.66	0.16	0.03	=	
MDSS0132	F5D060377	Th-232	0.54	0.14	0.02	=	
MDSS0129	F5D060377	Pu-238	7.85	0.92	0.03	J	J01
MDSS0129	F5D060377	Pu-239/240	0.086	0.043	0.022	J	T04
MDSS0129	F5D060377	Th-228	0.48	0.12	0.03	=	
MDSS0129	F5D060377	Th-230	0.56	0.13	0.02	=	
MDSS0129	F5D060377	Th-232	0.341	0.098	0.016	=	
MDSS0094	F5D060377	Pu-238	1.6	0.25	0.03	J	J01
MDSS0094	F5D060377	Pu-239/240	0.059	0.037	0.023	J	T04
MDSS0094	F5D060377	Th-228	0.62	0.14	0.03	=	
MDSS0094	F5D060377	Th-230	0.88	0.18	0.03	=	
MDSS0094	F5D060377	Th-232	0.53	0.13	0.03	=	
MDSS9005	F5D060377	Pu-238	0.53	0.12	0.03	J	J01

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS9005	F5D060377	Pu-239/240	0.006	0.018	0.033	UJ	T06
MDSS9005	F5D060377	Th-228	0.66	0.16	0.03	=	
MDSS9005	F5D060377	Th-230	0.86	0.19	0.02	=	
MDSS9005	F5D060377	Th-232	0.55	0.14	0.02	=	
MDSS0100	F5D060377	Pu-238	0.48	0.12	0.04	J	J01
MDSS0100	F5D060377	Pu-239/240	0.018	0.024	0.016	J	T04
MDSS0100	F5D060377	Th-228	0.72	0.17	0.03	=	
MDSS0100	F5D060377	Th-230	0.82	0.18	0.02	=	
MDSS0100	F5D060377	Th-232	0.6	0.15	0.03	=	
MDSS0106	F5D060377	Pu-238	0.48	0.12	0.04	J	J01
MDSS0106	F5D060377	Pu-239/240	0.077	0.044	0.028	J	T04
MDSS0106	F5D060377	Th-228	0.35	0.1	0.04	=	
MDSS0106	F5D060377	Th-230	0.62	0.15	0.03	=	
MDSS0106	F5D060377	Th-232	0.302	0.094	0.016	=	
MDSS0109	F5D060388	Pu-238	1.14	0.19	0.03	=	
MDSS0109	F5D060388	Pu-239/240	0.005	0.014	0.014	UJ	T06
MDSS0109	F5D060388	Th-228	0.74	0.18	0.04	=	
MDSS0109	F5D060388	Th-230	0.8	0.19	0.03	=	
MDSS0109	F5D060388	Th-232	0.76	0.18	0.04	=	
MDSS0110	F5D060388	Pu-238	1.39	0.25	0.05	=	
MDSS0110	F5D060388	Pu-239/240	0.011	0.019	0.027	UJ	T06
MDSS0110	F5D060388	Th-228	1.04	0.24	0.05	=	
MDSS0110	F5D060388	Th-230	0.87	0.21	0.04	=	
MDSS0110	F5D060388	Th-232	1	0.23	0.02	=	
MDSS0112	F5D060388	Pu-238	0.45	0.11	0.04	=	
MDSS0112	F5D060388	Pu-239/240	0.021	0.023	0.023	UJ	T06
MDSS0112	F5D060388	Th-228	1.01	0.23	0.05	=	
MDSS0112	F5D060388	Th-230	1.07	0.24	0.04	=	
MDSS0112	F5D060388	Th-232	0.7	0.18	0.02	=	
MDSS0113	F5D060388	Pu-238	1.4	0.23	0.04	=	
MDSS0113	F5D060388	Pu-239/240	0.027	0.026	0.014	J	T04
MDSS0113	F5D060388	Th-228	0.77	0.19	0.04	=	
MDSS0113	F5D060388	Th-230	0.97	0.22	0.04	=	
MDSS0113	F5D060388	Th-232	0.68	0.17	0.02	=	
MDSS0116	F5D060388	Pu-238	1.99	0.31	0.04	=	
MDSS0116	F5D060388	Pu-239/240	0.028	0.026	0.024	J	T04
MDSS0116	F5D060388	Th-228	0.66	0.16	0.04	=	
MDSS0116	F5D060388	Th-230	1.01	0.21	0.03	=	
MDSS0116	F5D060388	Th-232	0.66	0.16	0.03	=	
MDSS0118	F5D060388	Pu-238	45	4.9	0.04	=	
MDSS0118	F5D060388	Pu-239/240	0.188	0.066	0.025	=	
MDSS0118	F5D060388	Th-228	1.12	0.22	0.03	=	
MDSS0118	F5D060388	Th-230	0.83	0.18	0.02	=	
MDSS0118	F5D060388	Th-232	0.61	0.14	0.02	=	
MDSS0136	F5D060388	Pu-238	2.34	0.33	0.04	=	
MDSS0136	F5D060388	Pu-239/240	0.032	0.028	0.029	J	T04
MDSS0136	F5D060388	Th-228	0.42	0.12	0.03	=	
MDSS0136	F5D060388	Th-230	0.65	0.15	0.03	=	
MDSS0136	F5D060388	Th-232	0.38	0.11	0.02	=	
MDSS0154	F5D060388	Pu-238	0.278	0.088	0.045	=	
MDSS0154	F5D060388	Pu-239/240	0.007	0.019	0.033	UJ	T06
MDSS0154	F5D060388	Th-228	0.53	0.14	0.03	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0154	F5D060388	Th-230	0.86	0.19	0.03	=	
MDSS0154	F5D060388	Th-232	0.5	0.13	0.03	=	
MDSS0225	F5D060388	Pu-238	21.8	2.5	0.04	=	
MDSS0225	F5D060388	Pu-239/240	0.093	0.047	0.024	J	T04
MDSS0225	F5D060388	Th-228	0.56	0.15	0.03	=	
MDSS0225	F5D060388	Th-230	0.49	0.13	0.02	=	
MDSS0225	F5D060388	Th-232	0.42	0.12	0.02	=	
MDSS0238	F5D060388	Pu-238	13.1	1.5	0.05	=	
MDSS0238	F5D060388	Pu-239/240	0.034	0.03	0.031	J	T04
MDSS0238	F5D060388	Th-228	0.38	0.11	0.04	=	
MDSS0238	F5D060388	Th-230	0.46	0.13	0.03	=	
MDSS0238	F5D060388	Th-232	0.27	0.093	0.018	=	
MDSS0215	F5D060388	Pu-238	13.2	1.5	0.04	=	
MDSS0215	F5D060388	Pu-239/240	0.053	0.036	0.03	J	T04
MDSS0215	F5D060388	Th-228	0.57	0.13	0.03	=	
MDSS0215	F5D060388	Th-230	0.64	0.14	0.03	=	
MDSS0215	F5D060388	Th-232	0.47	0.12	0.03	=	
MDSS0191	F5D060388	Pu-238	6.2	0.78	0.04	=	
MDSS0191	F5D060388	Pu-239/240	0.027	0.026	0.024	J	T04
MDSS0191	F5D060388	Th-228	0.78	0.17	0.03	=	
MDSS0191	F5D060388	Th-230	0.85	0.18	0.03	=	
MDSS0191	F5D060388	Th-232	0.64	0.15	0.03	=	
MDSS0192	F5D060388	Pu-238	1.36	0.23	0.05	=	
MDSS0192	F5D060388	Pu-239/240	0.009	0.017	0.028	UJ	T06
MDSS0192	F5D060388	Th-228	0.67	0.16	0.04	=	
MDSS0192	F5D060388	Th-230	1.22	0.24	0.03	=	
MDSS0192	F5D060388	Th-232	0.75	0.17	0.03	=	
MDSS0196	F5D060388	Pu-238	10.2	1.2	0.05	=	
MDSS0196	F5D060388	Pu-239/240	0.06	0.038	0.028	J	T04
MDSS0196	F5D060388	Th-228	0.71	0.16	0.05	=	
MDSS0196	F5D060388	Th-230	0.79	0.17	0.02	=	
MDSS0196	F5D060388	Th-232	0.86	0.18	0.04	=	
MDSS0199	F5D060388	Pu-238	12.6	1.4	0.04	=	
MDSS0199	F5D060388	Pu-239/240	0.038	0.029	0.024	J	T04
MDSS0199	F5D060388	Th-228	0.96	0.19	0.04	=	
MDSS0199	F5D060388	Th-230	1.17	0.22	0.03	=	
MDSS0199	F5D060388	Th-232	0.81	0.17	0.02	=	
MDSS9010	F5D060388	Pu-238	13.9	1.6	0.03	=	
MDSS9010	F5D060388	Pu-239/240	0.031	0.027	0.023	J	T04
MDSS9010	F5D060388	Th-228	0.91	0.19	0.04	=	
MDSS9010	F5D060388	Th-230	1.17	0.22	0.03	=	
MDSS9010	F5D060388	Th-232	0.8	0.17	0.02	=	
MDSS0200	F5D060388	Pu-238	10.3	1.3	0.04	=	
MDSS0200	F5D060388	Pu-239/240	0.083	0.046	0.026	J	T04
MDSS0200	F5D060388	Th-228	0.63	0.15	0.04	=	
MDSS0200	F5D060388	Th-230	0.98	0.2	0.03	=	
MDSS0200	F5D060388	Th-232	0.7	0.16	0.02	=	
MDSS0201	F5D060388	Pu-238	16.9	1.9	0.04	=	
MDSS0201	F5D060388	Pu-239/240	0.056	0.035	0.014	J	T04
MDSS0201	F5D060388	Th-228	0.69	0.16	0.03	=	
MDSS0201	F5D060388	Th-230	0.9	0.19	0.03	=	
MDSS0201	F5D060388	Th-232	0.68	0.15	0.03	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0180	F5D060388	Pu-238	8.7	0.99	0.04	=	
MDSS0180	F5D060388	Pu-239/240	0.028	0.025	0.021	J	T04
MDSS0180	F5D060388	Th-228	0.81	0.19	0.03	=	
MDSS0180	F5D060388	Th-230	0.88	0.2	0.02	=	
MDSS0180	F5D060388	Th-232	0.59	0.15	0.02	=	
MDSS0205	F5D060388	Pu-238	8.4	1	0.04	=	
MDSS0205	F5D060388	Pu-239/240	0.042	0.032	0.027	J	T04
MDSS0205	F5D060388	Th-228	0.85	0.18	0.03	=	
MDSS0205	F5D060388	Th-230	0.82	0.18	0.03	=	
MDSS0205	F5D060388	Th-232	0.74	0.17	0.02	=	
MDSS0208	F5D060389	Pu-238	55.2	6.1	0.06	=	
MDSS0208	F5D060389	Pu-239/240	0.51	0.12	0.04	=	
MDSS0208	F5D060389	Th-228	1.23	0.22	0.03	=	
MDSS0208	F5D060389	Th-230	0.98	0.19	0.03	=	
MDSS0208	F5D060389	Th-232	0.85	0.17	0.02	=	
MDSS0209	F5D060389	Pu-238	84.9	8.7	0.03	=	
MDSS0209	F5D060389	Pu-239/240	0.53	0.11	0.02	=	
MDSS0209	F5D060389	Th-228	1.61	0.27	0.03	=	
MDSS0209	F5D060389	Th-230	0.99	0.19	0.03	=	
MDSS0209	F5D060389	Th-232	0.82	0.16	0.03	=	
MDSS0193	F5D060389	Pu-238	15.8	1.7	0.04	=	
MDSS0193	F5D060389	Pu-239/240	0.12	0.049	0.012	=	
MDSS0193	F5D060389	Th-228	0.51	0.13	0.03	=	
MDSS0193	F5D060389	Th-230	0.77	0.17	0.03	=	
MDSS0193	F5D060389	Th-232	0.39	0.11	0.03	=	
MDSS0015	F5D060389	Pu-238	0.29	0.1	0.09	=	
MDSS0015	F5D060389	Pu-239/240	0	0	0.06	U	
MDSS0015	F5D060389	Th-228	0.68	0.15	0.03	=	
MDSS0015	F5D060389	Th-230	0.6	0.14	0.02	=	
MDSS0015	F5D060389	Th-232	0.68	0.15	0.03	=	
MDSS0189	F5D060389	Pu-238	58.4	5.9	0.05	=	
MDSS0189	F5D060389	Pu-239/240	0.53	0.11	0.04	=	
MDSS0189	F5D060389	Th-228	1.02	0.2	0.05	=	
MDSS0189	F5D060389	Th-230	1.32	0.24	0.02	=	
MDSS0189	F5D060389	Th-232	1.04	0.2	0.03	=	
MDSS9009	F5D060389	Pu-238	59.8	6.1	0.05	=	
MDSS9009	F5D060389	Pu-239/240	0.65	0.13	0.04	=	
MDSS9009	F5D060389	Th-228	1.55	0.27	0.04	=	
MDSS9009	F5D060389	Th-230	0.96	0.19	0.03	=	
MDSS9009	F5D060389	Th-232	0.67	0.15	0.02	=	
MDSS0211	F5D060389	Pu-238	9.5	1.1	0.04	=	
MDSS0211	F5D060389	Pu-239/240	0.159	0.062	0.023	=	
MDSS0211	F5D060389	Th-228	0.68	0.15	0.04	=	
MDSS0211	F5D060389	Th-230	0.86	0.17	0.03	=	
MDSS0211	F5D060389	Th-232	0.61	0.14	0.03	=	
MDSS0217	F5D060389	Pu-238	9.2	1.1	0.04	=	
MDSS0217	F5D060389	Pu-239/240	0.076	0.041	0.022	J	T04
MDSS0217	F5D060389	Th-228	2.42	0.37	0.04	=	
MDSS0217	F5D060389	Th-230	2.85	0.42	0.02	=	
MDSS0217	F5D060389	Th-232	2.84	0.42	0.01	=	
MDSS0181	F5D060389	Pu-238	42.5	1.4	0.04	=	
MDSS0181	F5D060389	Pu-239/240	0.239	0.077	0.014	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0181	F5D060389	Th-228	0.35	0.12	0.05	=	
MDSS0181	F5D060389	Th-230	0.52	0.15	0.03	=	
MDSS0181	F5D060389	Th-232	0.227	0.092	0.021	=	
MDSS0182	F5D060389	Pu-238	12.3	1.4	0.04	=	
MDSS0182	F5D060389	Pu-239/240	0.162	0.062	0.023	=	
MDSS0182	F5D060389	Th-228	0.286	0.09	0.034	=	
MDSS0182	F5D060389	Th-230	0.53	0.13	0.03	=	
MDSS0182	F5D060389	Th-232	0.272	0.087	0.016	=	
MDSS0188	F5D060389	Pu-238	32.2	3.6	0.04	=	
MDSS0188	F5D060389	Pu-239/240	0.44	0.11	0.03	=	
MDSS0188	F5D060389	Th-228	0.57	0.14	0.05	=	
MDSS0188	F5D060389	Th-230	0.5	0.13	0.02	=	
MDSS0188	F5D060389	Th-232	0.274	0.089	0.026	=	
MDSS0216	F5D060389	Pu-238	28.8	3	0.04	=	
MDSS0216	F5D060389	Pu-239/240	0.45	0.1	0.03	=	
MDSS0216	F5D060389	Th-228	1.04	0.21	0.04	=	
MDSS0216	F5D060389	Th-230	0.89	0.18	0.03	=	
MDSS0216	F5D060389	Th-232	0.71	0.16	0.03	=	
MDSS0194	F5D060389	Pu-238	14.4	1.7	0.04	=	
MDSS0194	F5D060389	Pu-239/240	0.199	0.071	0.032	=	
MDSS0194	F5D060389	Th-228	0.8	0.18	0.04	=	
MDSS0194	F5D060389	Th-230	0.8	0.17	0.02	=	
MDSS0194	F5D060389	Th-232	0.72	0.16	0.03	=	
MDSS0212	F5D060389	Pu-238	22.4	2.6	0.04	=	
MDSS0212	F5D060389	Pu-239/240	0.56	0.13	0.02	=	
MDSS0212	F5D060389	Th-228	0.79	0.16	0.03	=	
MDSS0212	F5D060389	Th-230	0.86	0.17	0.03	=	
MDSS0212	F5D060389	Th-232	0.52	0.12	0.01	=	
MDSS0210	F5D060389	Pu-238	4.08	0.52	0.04	=	
MDSS0210	F5D060389	Pu-239/240	0.091	0.045	0.029	=	
MDSS0210	F5D060389	Th-228	0.78	0.16	0.03	=	
MDSS0210	F5D060389	Th-230	0.95	0.18	0.03	=	
MDSS0210	F5D060389	Th-232	0.76	0.16	0.03	=	
MDSS0186	F5D060389	Pu-238	6.69	0.83	0.05	=	
MDSS0186	F5D060389	Pu-239/240	0.101	0.051	0.032	J	T04
MDSS0186	F5D060389	Th-228	0.76	0.19	0.05	=	
MDSS0186	F5D060389	Th-230	1.05	0.24	0.03	=	
MDSS0186	F5D060389	Th-232	0.54	0.15	0.03	=	
MDSS0185	F5D060389	Pu-238	1.03	0.18	0.03	=	
MDSS0185	F5D060389	Pu-239/240	0.019	0.02	0.021	UJ	T06
MDSS0185	F5D060389	Th-228	0.58	0.13	0.03	=	
MDSS0185	F5D060389	Th-230	0.99	0.18	0.01	=	
MDSS0185	F5D060389	Th-232	0.62	0.13	0.01	=	
MDSS0187	F5D060389	Pu-238	0.93	0.17	0.04	=	
MDSS0187	F5D060389	Pu-239/240	0.028	0.025	0.024	J	T04
MDSS0187	F5D060389	Th-228	0.74	0.16	0.04	=	
MDSS0187	F5D060389	Th-230	0.87	0.18	0.03	=	
MDSS0187	F5D060389	Th-232	0.64	0.15	0.03	=	
MDSS0195	F5D060389	Pu-238	0.97	0.19	0.05	=	
MDSS0195	F5D060389	Pu-239/240	0.031	0.029	0.031	J	T04
MDSS0195	F5D060389	Th-228	0.76	0.16	0.03	=	
MDSS0195	F5D060389	Th-230	1.21	0.22	0.02	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0195	F5D060389	Th-232	0.79	0.16	0.02	=	
MDSS0198	F5D060389	Pu-238	3.98	0.66	0.07	=	
MDSS0198	F5D060389	Pu-239/240	0.1	0.062	0.042	J	T04
MDSS0198	F5D060389	Th-228	0.68	0.15	0.02	=	
MDSS0198	F5D060389	Th-230	1.14	0.21	0.03	=	
MDSS0198	F5D060389	Th-232	0.77	0.16	0.02	=	
MDSS0204	F5D060395	Pu-238	0.57	0.21	0.14	=	
MDSS0204	F5D060395	Pu-239/240	0.016	0.062	0.1	UJ	T06
MDSS0204	F5D060395	Th-228	0.78	0.17	0.03	J	J01
MDSS0204	F5D060395	Th-230	1.24	0.23	0.03	=	
MDSS0204	F5D060395	Th-232	0.75	0.17	0.03	J	J01
MDSS0202	F5D060395	Pu-238	41.2	4.7	0.03	=	
MDSS0202	F5D060395	Pu-239/240	0.223	0.077	0.033	=	
MDSS0202	F5D060395	Th-228	1.47	0.3	0.03	J	J01
MDSS0202	F5D060395	Th-230	1.13	0.25	0.02	=	
MDSS0202	F5D060395	Th-232	0.88	0.21	0.02	J	J01
MDSS0207	F5D060395	Pu-238	8.6	1	0.05	=	
MDSS0207	F5D060395	Pu-239/240	0.048	0.035	0.027	J	T04
MDSS0207	F5D060395	Th-228	0.78	0.18	0.04	J	J01
MDSS0207	F5D060395	Th-230	0.57	0.15	0.03	=	
MDSS0207	F5D060395	Th-232	0.59	0.15	0.02	J	J01
MDSS0183	F5D060395	Pu-238	14.8	1.6	0.05	=	
MDSS0183	F5D060395	Pu-239/240	0.194	0.067	0.039	=	
MDSS0183	F5D060395	Th-228	0.61	0.19	0.06	J	J01
MDSS0183	F5D060395	Th-230	1.02	0.26	0.04	=	
MDSS0183	F5D060395	Th-232	0.43	0.15	0.03	J	J01
MDSS0231	F5D060395	Pu-238	2.7	0.39	0.09	=	
MDSS0231	F5D060395	Pu-239/240	0	0	0.07	U	
MDSS0231	F5D060395	Th-228	0.95	0.24	0.04	J	J01
MDSS0231	F5D060395	Th-230	1.25	0.29	0.05	=	
MDSS0231	F5D060395	Th-232	0.97	0.24	0.04	J	J01
MDSS0184	F5D060395	Pu-238	13.9	1.7	0.07	=	
MDSS0184	F5D060395	Pu-239/240	0.061	0.047	0.05	J	T04
MDSS0184	F5D060395	Th-228	0.85	0.27	0.06	J	J01
MDSS0184	F5D060395	Th-230	0.64	0.23	0.04	=	
MDSS0184	F5D060395	Th-232	0.49	0.19	0.04	J	J01
MDSS0232	F5D060395	Pu-238	12.9	1.5	0.07	=	
MDSS0232	F5D060395	Pu-239/240	0.116	0.057	0.044	=	
MDSS0232	F5D060395	Th-228	0.41	0.16	0.06	J	J01
MDSS0232	F5D060395	Th-230	0.63	0.2	0.03	=	
MDSS0232	F5D060395	Th-232	0.26	0.12	0.05	J	J01
MDSS0190	F5D060395	Pu-238	1.22	0.2	0.04	=	
MDSS0190	F5D060395	Pu-239/240	0.019	0.02	0.021	UJ	T06
MDSS0190	F5D060395	Th-228	0.74	0.17	0.05	J	J01
MDSS0190	F5D060395	Th-230	0.98	0.21	0.03	=	
MDSS0190	F5D060395	Th-232	0.63	0.15	0.02	J	J01
MDSS0233	F5D060395	Pu-238	82.3	9.9	0.05	=	
MDSS0233	F5D060395	Pu-239/240	0.32	0.1	0.03	=	
MDSS0233	F5D060395	Th-228	1.09	0.26	0.05	J	J01
MDSS0233	F5D060395	Th-230	1.41	0.31	0.04	=	
MDSS0233	F5D060395	Th-232	0.79	0.21	0.02	J	J01
MDSS0235	F5D060395	Pu-238	2.23	0.32	0.04	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0235	F5D060395	Pu-239/240	0.011	0.018	0.014	UJ	T06
MDSS0235	F5D060395	Th-228	0.46	0.16	0.08	J	J01
MDSS0235	F5D060395	Th-230	0.84	0.24	0.03	=	
MDSS0235	F5D060395	Th-232	0.39	0.15	0.05	J	J01
MDSS0236	F5D060395	Pu-238	14.5	1.6	0.04	=	
MDSS0236	F5D060395	Pu-239/240	0.054	0.034	0.021	J	T04
MDSS0236	F5D060395	Th-228	0.58	0.18	0.07	J	J01
MDSS0236	F5D060395	Th-230	0.85	0.23	0.05	=	
MDSS0236	F5D060395	Th-232	0.23	0.1	0.04	J	J01
MDSS0230	F5D060395	Pu-238	0.143	0.08	0.065	J	T04
MDSS0230	F5D060395	Pu-239/240	0.014	0.027	0.043	UJ	T06
MDSS0230	F5D060395	Th-228	0.51	0.18	0.07	J	J01
MDSS0230	F5D060395	Th-230	1.21	0.31	0.03	=	
MDSS0230	F5D060395	Th-232	0.34	0.14	0.05	J	J01
MDSS0219	F5D060395	Pu-238	1.02	0.18	0.04	=	
MDSS0219	F5D060395	Pu-239/240	0.027	0.027	0.03	U	T05
MDSS0219	F5D060395	Th-228	1.14	0.29	0.06	J	J01
MDSS0219	F5D060395	Th-230	1.03	0.27	0.04	=	
MDSS0219	F5D060395	Th-232	1.38	0.33	0.04	J	J01
MDSS0224	F5D060395	Pu-238	3.42	0.46	0.04	=	
MDSS0224	F5D060395	Pu-239/240	0.007	0.018	0.031	UJ	T06
MDSS0224	F5D060395	Th-228	0.43	0.21	0.2	J	J01
MDSS0224	F5D060395	Th-230	0.85	0.25	0.09	=	
MDSS0224	F5D060395	Th-232	0.59	0.2	0.11	J	J01
MDSS0220	F5D060395	Pu-238	67.6	7.3	0.03	=	
MDSS0220	F5D060395	Pu-239/240	0.362	0.095	0.022	=	
MDSS0220	F5D060395	Th-228	1.08	0.33	0.16	J	J01
MDSS0220	F5D060395	Th-230	0.73	0.25	0.08	=	
MDSS0220	F5D060395	Th-232	0.72	0.24	0.04	J	J01
MDSS0221	F5D060395	Pu-238	1.55	0.24	0.04	=	
MDSS0221	F5D060395	Pu-239/240	0.006	0.016	0.029	UJ	T06
MDSS0221	F5D060395	Th-228	0.6	0.18	0.1	J	J01
MDSS0221	F5D060395	Th-230	0.99	0.24	0.04	=	
MDSS0221	F5D060395	Th-232	0.57	0.17	0.05	J	J01
MDSS0223	F5D060395	Pu-238	2.96	0.43	0.05	=	
MDSS0223	F5D060395	Pu-239/240	0.014	0.023	0.035	UJ	T06
MDSS0223	F5D060395	Th-228	1.01	0.32	0.12	J	J01
MDSS0223	F5D060395	Th-230	0.81	0.28	0.1	=	
MDSS0223	F5D060395	Th-232	0.91	0.3	0.09	J	J01
MDSS0237	F5D060395	Pu-238	3.33	0.46	0.04	=	
MDSS0237	F5D060395	Pu-239/240	0.01	0.017	0.024	UJ	T06
MDSS0237	F5D060395	Th-228	0.46	0.13	0.05	J	J01
MDSS0237	F5D060395	Th-230	0.74	0.17	0.04	=	
MDSS0237	F5D060395	Th-232	0.45	0.13	0.03	J	J01
MDSS0239	F5D060395	Pu-238	35.8	4.2	0.05	=	
MDSS0239	F5D060395	Pu-239/240	0.132	0.06	0.03	=	
MDSS0239	F5D060395	Th-228	1.06	0.22	0.05	J	J01
MDSS0239	F5D060395	Th-230	0.83	0.19	0.03	=	
MDSS0239	F5D060395	Th-232	0.52	0.14	0.02	J	J01
MDSS0229	F5D060395	Pu-238	3.23	0.44	0.05	=	
MDSS0229	F5D060395	Pu-239/240	0.024	0.026	0.03	UJ	T06
MDSS0229	F5D060395	Th-228	0.61	0.17	0.07	J	J01

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0229	F5D060395	Th-230	0.87	0.21	0.04	=	
MDSS0229	F5D060395	Th-232	0.46	0.14	0.03	J	J01
MDSS0250	F5D060403	Pu-238	0.226	0.089	0.07	=	
MDSS0250	F5D060403	Pu-239/240	0	0	0.05	U	
MDSS0250	F5D060403	Th-228	0.64	0.15	0.04	=	
MDSS0250	F5D060403	Th-230	0.75	0.17	0.04	=	
MDSS0250	F5D060403	Th-232	0.75	0.17	0.03	=	
MDSS9013	F5D060403	Pu-238	0.255	0.076	0.028	=	
MDSS9013	F5D060403	Pu-239/240	0.011	0.019	0.028	UJ	T06
MDSS9013	F5D060403	Th-228	0.64	0.15	0.03	=	
MDSS9013	F5D060403	Th-230	0.74	0.17	0.03	=	
MDSS9013	F5D060403	Th-232	0.68	0.16	0.04	=	
MDSS0226	F5D060403	Pu-238	0.23	0.073	0.039	=	
MDSS0226	F5D060403	Pu-239/240	0	0	0.02	U	
MDSS0226	F5D060403	Th-228	1.03	0.22	0.03	=	
MDSS0226	F5D060403	Th-230	0.97	0.21	0.04	=	
MDSS0226	F5D060403	Th-232	0.92	0.2	0.03	=	
MDSS0227	F5D060403	Pu-238	0.93	0.18	0.09	=	
MDSS0227	F5D060403	Pu-239/240	0.025	0.046	0.065	UJ	T06
MDSS0227	F5D060403	Th-228	0.53	0.13	0.03	=	
MDSS0227	F5D060403	Th-230	0.83	0.17	0.02	=	
MDSS0227	F5D060403	Th-232	0.56	0.13	0.03	=	
MDSS0241	F5D060403	Pu-238	32.1	3.6	0.07	=	
MDSS0241	F5D060403	Pu-239/240	0.42	0.11	0.04	=	
MDSS0241	F5D060403	Th-228	0.98	0.2	0.05	=	
MDSS0241	F5D060403	Th-230	0.64	0.15	0.02	=	
MDSS0241	F5D060403	Th-232	0.61	0.15	0.04	=	
MDSS0243	F5D060403	Pu-238	11.4	1.3	0.06	=	
MDSS0243	F5D060403	Pu-239/240	0.127	0.055	0.039	=	
MDSS0243	F5D060403	Th-228	0.85	0.18	0.05	=	
MDSS0243	F5D060403	Th-230	1.13	0.22	0.03	=	
MDSS0243	F5D060403	Th-232	0.7	0.16	0.03	=	
MDSS0244	F5D060403	Pu-238	20.8	2.3	0.04	=	
MDSS0244	F5D060403	Pu-239/240	0.292	0.082	0.021	=	
MDSS0244	F5D060403	Th-228	1.42	0.26	0.05	=	
MDSS0244	F5D060403	Th-230	1.22	0.23	0.03	=	
MDSS0244	F5D060403	Th-232	0.94	0.19	0.03	=	
MDSS0268	F5D060403	Pu-238	0.79	0.16	0.04	=	
MDSS0268	F5D060403	Pu-239/240	0.052	0.036	0.025	J	T04
MDSS0268	F5D060403	Th-228	1.09	0.22	0.04	=	
MDSS0268	F5D060403	Th-230	1.05	0.21	0.02	=	
MDSS0268	F5D060403	Th-232	1.14	0.23	0.02	=	
MDSS0248	F5D060403	Pu-238	0.163	0.065	0.039	=	
MDSS0248	F5D060403	Pu-239/240	0.006	0.016	0.015	UJ	T06
MDSS0248	F5D060403	Th-228	0.57	0.13	0.03	=	
MDSS0248	F5D060403	Th-230	1.01	0.2	0.02	=	
MDSS0248	F5D060403	Th-232	0.71	0.15	0.02	=	
MDSS9012	F5D060403	Pu-238	0.141	0.058	0.038	=	
MDSS9012	F5D060403	Pu-239/240	0	0	0.02	U	
MDSS9012	F5D060403	Th-228	0.59	0.13	0.03	=	
MDSS9012	F5D060403	Th-230	0.9	0.17	0.03	=	
MDSS9012	F5D060403	Th-232	0.54	0.12	0.01	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0261	F5D060403	Pu-238	24.3	2.7	0.04	=	
MDSS0261	F5D060403	Pu-239/240	0.49	0.12	0.03	=	
MDSS0261	F5D060403	Th-228	1.42	0.26	0.05	=	
MDSS0261	F5D060403	Th-230	1.06	0.21	0.02	=	
MDSS0261	F5D060403	Th-232	0.85	0.18	0.03	=	
MDSS0242	F5D060403	Pu-238	44.9	4.7	0.04	=	
MDSS0242	F5D060403	Pu-239/240	0.84	0.15	0.03	=	
MDSS0242	F5D060403	Th-228	2.43	0.39	0.04	=	
MDSS0242	F5D060403	Th-230	1.26	0.24	0.03	=	
MDSS0242	F5D060403	Th-232	1.43	0.26	0.03	=	
MDSS0247	F5D060403	Pu-238	37.2	4	0.04	=	
MDSS0247	F5D060403	Pu-239/240	0.41	0.1	0.03	=	
MDSS0247	F5D060403	Th-228	1.95	0.33	0.04	=	
MDSS0247	F5D060403	Th-230	1.35	0.25	0.02	=	
MDSS0247	F5D060403	Th-232	1.19	0.23	0.03	=	
MDSS0270	F5D060403	Pu-238	1.07	0.19	0.03	=	
MDSS0270	F5D060403	Pu-239/240	0.025	0.023	0.022	J	T04
MDSS0270	F5D060403	Th-228	0.47	0.11	0.03	=	
MDSS0270	F5D060403	Th-230	0.84	0.16	0.03	=	
MDSS0270	F5D060403	Th-232	0.52	0.12	0.01	=	
MDSS9011	F5D060403	Pu-238	0.259	0.084	0.047	=	
MDSS9011	F5D060403	Pu-239/240	0	0	0.03	U	
MDSS9011	F5D060403	Th-228	0.62	0.14	0.03	=	
MDSS9011	F5D060403	Th-230	1.06	0.2	0.03	=	
MDSS9011	F5D060403	Th-232	0.51	0.12	0.03	=	
MDSS0246	F5D060403	Pu-238	0.284	0.086	0.044	=	
MDSS0246	F5D060403	Pu-239/240	0.001	0.014	0.03	UJ	T06
MDSS0246	F5D060403	Th-228	0.49	0.12	0.03	=	
MDSS0246	F5D060403	Th-230	0.96	0.18	0.02	=	
MDSS0246	F5D060403	Th-232	0.62	0.13	0.02	=	
MDSS0258	F5D060403	Pu-238	1.02	0.18	0.03	=	
MDSS0258	F5D060403	Pu-239/240	0.037	0.028	0.02	J	T04
MDSS0258	F5D060403	Th-228	0.93	0.22	0.04	=	
MDSS0258	F5D060403	Th-230	1.04	0.23	0.02	=	
MDSS0258	F5D060403	Th-232	1.04	0.23	0.02	=	
MDSS9014	F5D060403	Pu-238	2.38	0.34	0.04	=	
MDSS9014	F5D060403	Pu-239/240	0.096	0.046	0.025	=	
MDSS9014	F5D060403	Th-228	0.99	0.2	0.04	=	
MDSS9014	F5D060403	Th-230	0.88	0.19	0.03	=	
MDSS9014	F5D060403	Th-232	0.81	0.17	0.03	=	
MDSS0275	F5D060403	Pu-238	8.9	1	0.04	=	
MDSS0275	F5D060403	Pu-239/240	0.104	0.047	0.026	=	
MDSS0275	F5D060403	Th-228	0.76	0.16	0.03	=	
MDSS0275	F5D060403	Th-230	0.86	0.17	0.02	=	
MDSS0275	F5D060403	Th-232	0.78	0.16	0.01	=	
MDSS0249	F5D060403	Pu-238	24.8	2.7	0.04	=	
MDSS0249	F5D060403	Pu-239/240	0.307	0.085	0.024	=	
MDSS0249	F5D060403	Th-228	1.27	0.24	0.03	=	
MDSS0249	F5D060403	Th-230	0.99	0.21	0.03	=	
MDSS0249	F5D060403	Th-232	0.63	0.15	0.03	=	
MDSS0251	F5D060409	Pu-238	25.6	3	0.03	=	
MDSS0251	F5D060409	Pu-239/240	0.39	0.11	0.04	J	J01

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0251	F5D060409	Th-228	1.18	0.36	0.09	=	
MDSS0251	F5D060409	Th-230	0.98	0.31	0.07	J	J01
MDSS0251	F5D060409	Th-232	0.79	0.27	0.07	J	J01
MDSS0259	F5D060409	Pu-238	39.6	4.3	0.04	=	
MDSS0259	F5D060409	Pu-239/240	0.55	0.12	0.01	J	J01
MDSS0259	F5D060409	Th-228	1.13	0.27	0.09	=	
MDSS0259	F5D060409	Th-230	0.92	0.23	0.07	J	J01
MDSS0259	F5D060409	Th-232	0.63	0.18	0.04	J	J01
MDSS0262	F5D060409	Pu-238	2.07	0.31	0.04	=	
MDSS0262	F5D060409	Pu-239/240	0.032	0.028	0.024	J	J01 ,T04
MDSS0262	F5D060409	Th-228	0.61	0.2	0.09	=	
MDSS0262	F5D060409	Th-230	0.79	0.23	0.06	J	J01
MDSS0262	F5D060409	Th-232	0.51	0.18	0.06	J	J01
MDSS0263	F5D060409	Pu-238	0.104	0.056	0.048	J	T04
MDSS0263	F5D060409	Pu-239/240	0.001	0.015	0.033	UJ	J01 ,T06
MDSS0263	F5D060409	Th-228	0.66	0.17	0.04	=	
MDSS0263	F5D060409	Th-230	1.1	0.24	0.04	J	J01
MDSS0263	F5D060409	Th-232	0.52	0.15	0.05	J	J01
MDSS0274	F5D060409	Pu-238	0.342	0.097	0.046	=	
MDSS0274	F5D060409	Pu-239/240	0.001	0.014	0.031	UJ	J01 ,T06
MDSS0274	F5D060409	Th-228	0.33	0.12	0.06	=	
MDSS0274	F5D060409	Th-230	0.5	0.16	0.05	J	J01
MDSS0274	F5D060409	Th-232	0.35	0.13	0.05	J	J01
MDSS0267	F5D060409	Pu-238	17	2	0.04	=	
MDSS0267	F5D060409	Pu-239/240	0.166	0.064	0.027	J	J01
MDSS0267	F5D060409	Th-228	1.67	0.31	0.03	=	
MDSS0267	F5D060409	Th-230	0.73	0.17	0.03	J	J01
MDSS0267	F5D060409	Th-232	1.09	0.23	0.03	J	J01
MDSS0254	F5D060409	Pu-238	0.324	0.092	0.043	=	
MDSS0254	F5D060409	Pu-239/240	0.003	0.012	0.025	UJ	J01 ,T06
MDSS0254	F5D060409	Th-228	0.99	0.31	0.08	=	
MDSS0254	F5D060409	Th-230	0.94	0.29	0.06	J	J01
MDSS0254	F5D060409	Th-232	0.87	0.28	0.07	J	J01
MDSS0255	F5D060409	Pu-238	0.279	0.085	0.052	=	
MDSS0255	F5D060409	Pu-239/240	0.003	0.023	0.041	UJ	J01 ,T06
MDSS0255	F5D060409	Th-228	0.72	0.24	0.11	=	
MDSS0255	F5D060409	Th-230	0.59	0.21	0.04	J	J01
MDSS0255	F5D060409	Th-232	0.73	0.24	0.08	J	J01
MDSS0260	F5D060409	Pu-238	3.07	0.43	0.05	=	
MDSS0260	F5D060409	Pu-239/240	0.045	0.033	0.024	J	J01 ,T04
MDSS0260	F5D060409	Th-228	1.01	0.28	0.07	=	
MDSS0260	F5D060409	Th-230	0.9	0.26	0.03	J	J01
MDSS0260	F5D060409	Th-232	0.67	0.21	0.06	J	J01
MDSS0264	F5D060409	Pu-238	3.86	0.5	0.06	=	
MDSS0264	F5D060409	Pu-239/240	0.085	0.049	0.044	J	J01 ,T04
MDSS0264	F5D060409	Th-228	0.73	0.19	0.07	=	
MDSS0264	F5D060409	Th-230	1.21	0.27	0.05	J	J01

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0264	F5D060409	Th-232	0.92	0.22	0.04	J	J01
MDSS0252	F5D060409	Pu-238	10.3	1.2	0.06	=	
MDSS0252	F5D060409	Pu-239/240	0.179	0.066	0.039	J	J01
MDSS0252	F5D060409	Th-228	0.59	0.21	0.1	=	
MDSS0252	F5D060409	Th-230	0.56	0.2	0.07	J	J01
MDSS0252	F5D060409	Th-232	0.22	0.12	0.07	J	J01, T04
MDSS0256	F5D060409	Pu-238	11.2	1.3	0.04	=	
MDSS0256	F5D060409	Pu-239/240	0.02	0.023	0.027	UJ	J01 ,T06
MDSS0256	F5D060409	Th-228	0.65	0.23	0.09	=	
MDSS0256	F5D060409	Th-230	0.86	0.27	0.04	J	J01
MDSS0256	F5D060409	Th-232	0.42	0.17	0.04	J	J01
MDSS0266	F5D060409	Pu-238	3.01	0.4	0.04	=	
MDSS0266	F5D060409	Pu-239/240	0.009	0.015	0.021	UJ	J01 ,T06
MDSS0266	F5D060409	Th-228	0.47	0.14	0.05	=	
MDSS0266	F5D060409	Th-230	0.58	0.16	0.03	J	J01
MDSS0266	F5D060409	Th-232	0.37	0.12	0.02	J	J01
MDSS0265	F5D060409	Pu-238	0.207	0.075	0.04	=	
MDSS0265	F5D060409	Pu-239/240	0.023	0.026	0.015	J	J01 ,T04
MDSS0265	F5D060409	Th-228	0.83	0.29	0.09	J	G02
MDSS0265	F5D060409	Th-230	0.87	0.29	0.08	J	G02, J01
MDSS0265	F5D060409	Th-232	0.63	0.24	0.04	J	G02, J01
MDSS0273	F5D060409	Pu-238	5.95	0.7	0.04	=	
MDSS0273	F5D060409	Pu-239/240	0.059	0.036	0.013	J	J01 ,T04
MDSS0273	F5D060409	Th-228	0.86	0.24	0.08	=	
MDSS0273	F5D060409	Th-230	1.01	0.26	0.03	J	J01
MDSS0273	F5D060409	Th-232	0.76	0.21	0.04	J	J01
MDSS0257	F5D060409	Pu-238	10.8	1.2	0.04	=	
MDSS0257	F5D060409	Pu-239/240	0.133	0.055	0.029	J	J01
MDSS0257	F5D060409	Th-228	0.73	0.21	0.07	=	
MDSS0257	F5D060409	Th-230	0.73	0.2	0.05	J	J01
MDSS0257	F5D060409	Th-232	0.34	0.13	0.04	J	J01
MDSS0272	F5D060409	Pu-238	0.51	0.13	0.07	=	
MDSS0272	F5D060409	Pu-239/240	0.002	0.029	0.052	UJ	J01 ,T06
MDSS0272	F5D060409	Th-228	0.34	0.18	0.11	J	G02, T04
MDSS0272	F5D060409	Th-230	0.61	0.25	0.05	J	F01, G02, J01
MDSS0272	F5D060409	Th-232	0.29	0.16	0.08	J	G02, J01, T04
MDSS0245	F5D060409	Pu-238	33.9	3.5	0.05	=	
MDSS0245	F5D060409	Pu-239/240	0.401	0.099	0.039	J	J01
MDSS0245	F5D060409	Th-228	2.22	0.59	0.09	J	G02
MDSS0245	F5D060409	Th-230	0.86	0.3	0.08	J	G02, J01
MDSS0245	F5D060409	Th-232	0.86	0.3	0.04	J	G02, J01
MDSS0134	F5D060409	Pu-238	358	46	3	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0134	F5D060409	Pu-239/240	6.5	3.8	2.8	J	J01 ,T04
MDSS0134	F5D060409	Th-228	5.25	0.87	0.05	=	
MDSS0134	F5D060409	Th-230	0.94	0.23	0.04	J	J01
MDSS0134	F5D060409	Th-232	0.61	0.17	0.04	J	J01
MDSS0176	F5D130257	Pu-238	0.39	0.11	0.04	=	
MDSS0176	F5D130257	Pu-239/240	0	0	0.02	U	
MDSS0176	F5D130257	Th-228	0.172	0.088	0.081	J	T04
MDSS0176	F5D130257	Th-230	0.3	0.1	0.04	=	
MDSS0176	F5D130257	Th-232	0.159	0.072	0.038	=	
MDSS0197	F5D130257	Pu-238	11.8	1.4	0.04	=	
MDSS0197	F5D130257	Pu-239/240	0.065	0.04	0.027	J	T04
MDSS0197	F5D130257	Th-228	0.83	0.17	0.04	=	
MDSS0197	F5D130257	Th-230	1.07	0.2	0.02	=	
MDSS0197	F5D130257	Th-232	0.86	0.17	0.03	=	
MDSS0206	F5D130257	Pu-238	37.9	4.1	0.04	=	
MDSS0206	F5D130257	Pu-239/240	0.212	0.071	0.03	=	
MDSS0206	F5D130257	Th-228	0.97	0.19	0.05	=	
MDSS0206	F5D130257	Th-230	1.12	0.21	0.03	=	
MDSS0206	F5D130257	Th-232	0.99	0.2	0.03	=	
MDSS0218	F5D130257	Pu-238	13.4	1.6	0.05	=	
MDSS0218	F5D130257	Pu-239/240	0.026	0.029	0.036	UJ	T06
MDSS0218	F5D130257	Th-228	0.65	0.16	0.04	=	
MDSS0218	F5D130257	Th-230	0.53	0.14	0.03	=	
MDSS0218	F5D130257	Th-232	0.251	0.089	0.018	=	
MDSS0228	F5D130257	Pu-238	30.6	3.5	0.04	=	
MDSS0228	F5D130257	Pu-239/240	0.132	0.056	0.024	=	
MDSS0228	F5D130257	Th-228	0.43	0.22	0.22	J	T04
MDSS0228	F5D130257	Th-230	0.54	0.2	0.1	=	
MDSS0228	F5D130257	Th-232	0.49	0.19	0.11	=	
MDSS0240	F5D130257	Pu-238	0.037	0.036	0.043	U	T05
MDSS0240	F5D130257	Pu-239/240	0.001	0.013	0.029	UJ	T06
MDSS0240	F5D130257	Th-228	0.6	0.14	0.07	=	
MDSS0240	F5D130257	Th-230	1.19	0.22	0.03	=	
MDSS0240	F5D130257	Th-232	0.56	0.13	0.02	=	
MDSS0253	F5D130257	Pu-238	3.52	0.45	0.04	=	
MDSS0253	F5D130257	Pu-239/240	0.03	0.027	0.028	J	T04
MDSS0253	F5D130257	Th-228	0.97	0.2	0.07	=	
MDSS0253	F5D130257	Th-230	0.88	0.18	0.03	=	
MDSS0253	F5D130257	Th-232	0.82	0.17	0.04	=	
MDSS0271	F5D130257	Pu-238	3.61	0.46	0.03	=	
MDSS0271	F5D130257	Pu-239/240	0.019	0.021	0.021	UJ	T06
MDSS0271	F5D130257	Th-228	0.8	0.2	0.06	=	
MDSS0271	F5D130257	Th-230	0.92	0.21	0.02	=	
MDSS0271	F5D130257	Th-232	0.7	0.18	0.05	=	
MDSS0286	F5D250160	2,4,6-Tribromophenol	1700		0		
MDSS0286	F5D250160	2-Fluorobiphenyl	1400		0		
MDSS0286	F5D250160	2-Fluorophenol	1900		0		
MDSS0286	F5D250160	Benzo(a)pyrene	390		390	UJ	A01
MDSS0286	F5D250160	Nitrobenzene-d5	1300		0		
MDSS0286	F5D250160	Phenol-d5	1900		0		
MDSS0286	F5D250160	Pu-238	1.56	0.17	0.03	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0286	F5D250160	Pu-239/240	0.012	0.012	0.006	J	T04
MDSS0286	F5D250160	Terphenyl-d14	1400		0		
MDSS0286	F5D250160	Th-228	0.47	0.16	0.12	R	G02
MDSS0286RE	F5D250160	Th-228	0.49	0.14	0.06	=	
MDSS0286	F5D250160	Th-230	0.62	0.18	0.07	R	G02
MDSS0286RE	F5D250160	Th-230	0.84	0.19	0.06	=	
MDSS0286	F5D250160	Th-232	0.33	0.12	0.05	R	G02
MDSS0286RE	F5D250160	Th-232	0.47	0.13	0.05	=	
MDSS0089	F5D250160	Pu-238	14.7	1.1	0.03	=	
MDSS0089	F5D250160	Pu-239/240	0.069	0.027	0.013	=	
MDSS0089	F5D250160	Th-228	0.73	0.18	0.06	=	
MDSS0089	F5D250160	Th-230	1	0.21	0.04	=	
MDSS0089	F5D250160	Th-232	0.59	0.16	0.05	=	
MDSS0159	F5D250160	Pu-238	42.2	3	0.02	=	
MDSS0159	F5D250160	Pu-239/240	0.143	0.037	0.006	=	
MDSS0159	F5D250160	Th-228	0.92	0.18	0.06	=	
MDSS0159	F5D250160	Th-230	1.16	0.21	0.03	=	
MDSS0159	F5D250160	Th-232	0.8	0.16	0.01	=	
MDSS0284	F5D250160	Pu-238	38.2	2.8	0.02	=	
MDSS0284	F5D250160	Pu-239/240	0.141	0.037	0.015	=	
MDSS0284	F5D250160	Th-228	0.63	0.15	0.07	=	
MDSS0284	F5D250160	Th-230	1.04	0.21	0.04	=	
MDSS0284	F5D250160	Th-232	0.6	0.15	0.02	=	
MDSS0160	F5D250160	Pu-238	0.535	0.085	0.045	=	
MDSS0160	F5D250160	Pu-239/240	0.006	0.018	0.03	UJ	T06
MDSS0160	F5D250160	Th-228	0.59	0.12	0.04	=	
MDSS0160	F5D250160	Th-230	1.03	0.17	0.04	=	
MDSS0160	F5D250160	Th-232	0.64	0.12	0.01	=	
MDSS0283	F5D250160	Pu-238	58.7	4.3	0.03	=	
MDSS0283	F5D250160	Pu-239/240	0.171	0.043	0.018	=	
MDSS0283	F5D250160	Th-228	0.85	0.18	0.06	=	
MDSS0283	F5D250160	Th-230	0.9	0.19	0.07	=	
MDSS0283	F5D250160	Th-232	0.62	0.15	0.05	=	
MDSS0285	F5D250160	Pu-238	2.56	0.24	0.02	=	
MDSS0285	F5D250160	Pu-239/240	0.026	0.017	0.016	J	T04
MDSS0285	F5D250160	Th-228	0.43	0.089	0.02	=	
MDSS0285	F5D250160	Th-230	0.73	0.12	0.02	=	
MDSS0285	F5D250160	Th-232	0.437	0.09	0.01	=	
MDSS9015	F5D250160	Pu-238	2.32	0.22	0.03	=	
MDSS9015	F5D250160	Pu-239/240	0.018	0.014	0.015	J	T04
MDSS9015	F5D250160	Th-228	0.426	0.082	0.036	=	
MDSS9015	F5D250160	Th-230	0.71	0.11	0.02	=	
MDSS9015	F5D250160	Th-232	0.356	0.071	0.016	=	
MDSS0277	F5D250160	Pu-238	10.7	0.85	0.03	=	
MDSS0277	F5D250160	Pu-239/240	0.034	0.021	0.02	J	T04
MDSS0277	F5D250160	Th-228	0.61	0.11	0.04	=	
MDSS0277	F5D250160	Th-230	0.91	0.14	0.02	=	
MDSS0277	F5D250160	Th-232	0.64	0.11	0.01	=	
MDSS0279	F5D250160	Pu-238	103	7.2	0.03	=	
MDSS0279	F5D250160	Pu-239/240	0.441	0.069	0.015	=	
MDSS0279	F5D250160	Th-228	1.44	0.22	0.04	=	
MDSS0279	F5D250160	Th-230	1.01	0.17	0.01	=	

Table 1: RV1 Validated Results (pCi/g)

Sample Name	SDG	Analyte	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0279	F5D250160	Th-232	1.03	0.17	0.01	=	
MDSS0280	F5D250160	Pu-238	1.49	0.16	0.02	=	
MDSS0280	F5D250160	Pu-239/240	0.0046	0.0092	0.015	UJ	T06
MDSS0280	F5D250160	Th-228	0.95	0.17	0.05	=	
MDSS0280	F5D250160	Th-230	1.33	0.22	0.03	=	
MDSS0280	F5D250160	Th-232	0.86	0.16	0.03	=	
MDSS0281	F5D250160	Pu-238	9.37	0.72	0.03	=	
MDSS0281	F5D250160	Pu-239/240	0.032	0.018	0.012	J	T04
MDSS0281	F5D250160	Th-228	0.97	0.18	0.05	=	
MDSS0281	F5D250160	Th-230	0.94	0.17	0.03	=	
MDSS0281	F5D250160	Th-232	1.03	0.18	0.03	=	
MDSS0282	F5D250160	Pu-238	17.3	1.3	0.02	=	
MDSS0282	F5D250160	Pu-239/240	0.059	0.024	0.013	=	
MDSS0282	F5D250160	Th-228	0.82	0.14	0.04	=	
MDSS0282	F5D250160	Th-230	0.85	0.14	0.01	=	
MDSS0282	F5D250160	Th-232	0.81	0.14	0.02	=	

all Rad analyses per EML A-01-R100, all rad results in pCi/g
all organic analyses per SW846 827085, all organic results in ug/kg
all matrix are soil
all analyses performed at STLSL
MDC: minimum detectable activity
SDG: sample designation group

Note: all reason codes described in R&V report

DATA REVIEW AND VALIDATION

R&V 2 (PRS 67 SU6)

A231/269

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Acronyms

%	percent
%D	percent difference
LCS	laboratory control spike
NAD	normalized absolute difference
MB	method blank
MDC	minimum detectable concentration
NC	non-calculable
PRS	potential release site
RPD	relative percent difference
RSD	relative standard deviation
SDG	sample delivery group
SOW	Statement of Work
VSAP	Verification Sampling and Analysis Plan

1.0 Introduction and Summary

1.1 Introduction

This data assessment has been prepared to describe the data quality for the PRS 67 Ditch Re-sampling verification samples collected in Survey Unit 6 in July 2005. The work was generally performed in compliance with the Statement of Work (SOW) issued February 3, 2005 and the Amendment 2 dated February 22, 2005; the Mound Verification Sampling and Analysis Plan (VSAP) dated October 2003; sample maps and target parameters issued by CH2M Hill Mound for each sample event; and the Mound Methods Compendium. Data assessment encompasses two types of quality control reviews on the data: data review and data validation. Data review involves a review of the basic quality control data included in the laboratory data package, e.g., laboratory blanks, surrogate recoveries, matrix spike recoveries, and field duplicates. All (100%) of the data are reviewed. Data validation is a detailed review of the laboratory data packages that includes all of the data review elements plus verification of such things as proper instrument calibration, instrument calibration validity during sample analysis, identification of target analytes, and proper treatment and quantification of the data. The results of the data validation are assessed to identify whether any systemic problems are apparent. Suspect values are flagged to assure the validity of the data to the user. While only 10% of the data is required to be validated, data validation was performed on 100% of the samples. Both data review and validation are combined and discussed below.

2.0 Data Review / Validation

The quality control data submitted with the analytical data packages were reviewed and validated. The results of the assessment are presented in this section. The following qualifications were used to indicate data quality problems identified during the data validation process.

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Table 1 — Data Validation Qualifications

Qualification	Qualification Description
=	The sample result is positively identified and quantified.
J	The associated positive sample result is estimated.
J/UJ	The associated positive or non-detected sample result is qualified estimated.
UJ	The associated not-detected sample result is qualified estimated.
U	The associated sample result is qualified not detected.
R	The associated sample result is rejected and unusable.

Reason Codes are used to assign meaning to the qualifiers used. The following are the reason codes that were applied to this project.

Table 2 – Validation Reason Codes

Reason Code	Reason Code Description
F01	Sample data were qualified as a result of the method blank.
G02	Surrogate/radiological chemical recovery was below the lower control limit.
J01	Duplicate RPD/radiological duplicate error ratio (DER) was outside the control limit.
T04	Professional judgment was used to qualify the data.
T05	Analytical result is less than the associated MDA, but greater than the counting uncertainty.
T06	Analytical Result is Less than both the associated counting uncertainty and MDA.
V04	Peak-tailing or peak splitting that may result in inaccurate quantitation was observed.

This sampling effort is discussed in three sections: field QA frequency, isotopic thorium, and isotopic plutonium. The data validation of each of these is discussed in the following subsections. The validated results follow in Attachment 1.

2.1 Field QA Frequency

The field team is responsible for introducing or specifying field quality control samples. The frequency of these samples is discussed below.

2.1.1 Equipment Rinsates

Equipment rinsate samples were not required for this sampling effort. The field team used a dry decontamination method and equipment along with the dry wipes that were used during the decontamination process that were scanned in the field to monitor the decontamination process.

2.1.2 Field Duplicates

Field duplicates demonstrate that the collection technique was adequately precise. Five (5) field duplicates were collected for seventy-eight (78) regular field samples for a frequency of 6.4%. This meets the planned collection goal of five percent. The field duplicate samples were evaluated by calculating the relative percent differences (RPD). Relative percent differences are considered non-calculable for duplicate pairs where one or both results were not detected or less than 2x the MDC. If one result was greater than 2x the MDC and the other result was detected at less than 2x the MDC, the relative percent difference was calculated. For the five pairs, five analytes were compared, making a total of twenty-five comparisons. Three comparisons (12%) exceeded an RPD of 35%. The field collection efforts were sufficiently precise. No qualification of the data is necessary.

2.1.3 Matrix Spikes

Matrix spikes and matrix spike duplicates are prepared to verify that the sample matrix is not interfering with the accurate and precise determination of target parameters in non-radiological fractions. This effort included only radiological fractions, therefore matrix spikes/matrix spike duplicates were not analyzed.

2.1.4 Trip Blanks

Trip blanks are included in each shipping container used to transport samples for volatile analysis. This sampling effort did not include volatile samples. Therefore, trip blanks were not analyzed.

2.2 Isotopic Plutonium

The field team submitted 83 samples for isotopic plutonium analysis. The associated quality control result assessments are discussed in the following subsections.

2.2.1 Yields

Non-target isotopes are added to samples just prior to digestion and separation. The non-target isotopes are used to determine the digestion, separation, and analysis efficiencies. These non-target isotope recoveries are expressed as yields and used to calculate the target isotope activities. All yields for plutonium analysis were within control limits. No qualifications to the usability of the data are required based on the yield recoveries.

2.2.2 Laboratory Blanks

Laboratory blanks are used to verify that laboratory handling and procedures are not cross-contaminating samples with target isotopes. Each sample delivery group (SDG) had one laboratory blank per analytical run. All laboratory blanks were non-detect for plutonium. No blank contamination of the samples was detected.

2.2.3 Laboratory Duplicates

Laboratory duplicates are used to assess the sample analysis precision. The laboratory duplicate samples were evaluated by calculating the relative percent differences (RPD). Relative percent differences are considered non-calculable for duplicate pairs where one or both results were not detected or less than 2x the MDC. If one result was greater than 2x the MDC and the other result was detected at less than 2x the MDC, the relative percent difference was calculated. The laboratory analyzed one duplicate pair for each analytical run.

The Plutonium-238 laboratory duplicate pair associated with the SDG F5G180129 exceeded the RPD control limit of 35%. Plutonium-238 samples results associated with this SDG were qualified as estimated (J/UJ) with a reason code J01.

The Plutonium-239/240 laboratory duplicate pair associated with the SDG F5G180129 exceeded the RPD control limit of 35%. Plutonium-239/240 samples results associated with this SDG were qualified as estimated (J/UJ) with a reason code J01.

2.2.4 Laboratory Control Spike

Laboratory control spikes (LCS) are prepared to verify the sample analysis accuracy. A LCS is a control sample of known composition. A percent recovery within control limits demonstrates that the laboratory method is acceptable. All LCS recoveries are within control limits and no qualifications to the data are required.

2.2.5 Sample Quantitation

One sample was diluted and re-analyzed due to peak tailing. Sample SU6-PRS67-20 had elevated results such that the region of interest for Plutonium-239 was biased high for the original analysis. The re-analysis was acceptable. Both the original and re-analyzed results were reported by the laboratory. The original results were qualified as unusable (R) with a reason code V04 to distinguish the original results from the diluted/reanalyzed results.

2.2.6 Overall Assessment of Data

Sample results that were quantified greater than the MDC with an uncertainty 50% to 100% of the sample result were qualified as estimated (J) with a reason code T04. Two samples (2% of the samples) had Plutonium-238 results qualified as estimated (J) with a reason code T04. Thirty-six samples (43% of the samples) had Plutonium-239/240 results qualified as estimated (J) with a reason code T04.

Sample results that were quantified less than the MDC, but greater than the uncertainty were qualified non-detect (U) with a reason code T05. None of the samples had Plutonium-238 results qualified non-detect (U) with a reason code T05. Seven samples

(8% of the samples) had Plutonium-239/240 results qualified non-detect (U) with a reason code T05.

Sample results with analytical results less than both the MDC and uncertainty were qualified as non-detect, estimated (UJ) with a reason code T06. One sample (1% of the sampes) had Plutonium-238 results qualified as non-detect, estimated (UJ) with a reason code T06. Seventeen samples (20% of the samples) had Plutonium-239/240 results qualified as non-detect, estimated (UJ) with a reason code T06.

2.3 Isotopic Thorium

The field team submitted 83 samples for isotopic thorium analysis. The associated quality control result assessments are discussed in the following subsections.

2.3.1 Yields

Non-target isotopes are added to samples just prior to digestion and separation. The non-target isotopes are used to determine the digestion, separation, and analysis efficiencies. These non-target isotope recoveries are expressed as yields and used to calculate the target isotope activities. One sample (SU6-PRS67-59) was qualified as estimated (J) with a reason code G02 due to low yield recoveries (30%).

2.3.2 Laboratory Blanks

Laboratory blanks are used to verify that laboratory handling and procedures are not cross-contaminating samples with target isotopes. Each SDG had one laboratory blank per analytical run.

Thorium-230 was detected in five blanks with activity concentrations ranging from 0.036 pCi/g to 0.073 pCi/g. This may indicate that contamination could have been introduced during the laboratory preparation. Those samples where the normalized absolute difference (NAD) between the blank and the sample result is greater than 2.58 are qualified as estimated (J) with a reason code F01. Three samples (4% of the samples) had the Thorium-230 samples qualified as estimated (J) with a reason code F01.

2.3.3 Laboratory Duplicates

Laboratory duplicates are used to assess the sample analysis precision. The laboratory duplicate samples were evaluated by calculating the relative percent differences. Relative percent differences are considered non-calculable for duplicate pairs where one or both results were not detected or less than 2x the MDC. If one result was greater than 2x the MDC and the other result was detected at less than 2x the MDC, the RPD was calculated. The laboratory analyzed one duplicate pair for each analytical run. All laboratory duplicates associated with isotopic thorium analyses were within control limits.

2.3.4 Laboratory Control Spike

Laboratory control spikes (LCS) are prepared to verify the sample analysis accuracy. A LCS is a control sample of known composition. A percent recovery within control limits demonstrates that the laboratory method is acceptable. All LCS recoveries are within control limits and no qualifications to the data are required.

2.3.5 Overall Assessment of Data

Sample results that were quantified greater than the MDC with an uncertainty 50% to 100% of the sample result were qualified as estimated (J) with a reason code T04. One sample (1% of the samples) had Thorium-232 results qualified as estimated (J) with a reason code T04.

Sample results that were quantified less than the MDC, but greater than the uncertainty were qualified non-detect (U) with a reason code T05. One sample (1% of the samples) had Thorium-228 results qualified non-detect (U) with a reason code T05.

3.0 References

Reference 1: *Methods Compendium*. Mound Plant, Miamisburg OH. Technical Manual MD-80045, Issue 2, January 2002.

Reference 2: *Data Validation*. Science Application International Corporation. Technical Procedure-Data Management-300-7, Revision 5, February 2004.

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0001	F5D060310	Plutonium-238	0.56	0.13	0.04	=	
MDSS0001	F5D060310	Plutonium-239/240	0.011	0.018	0.026	UJ	T06
MDSS0001	F5D060310	Thorium-228	0.32	0.11	0.06	=	
MDSS0001	F5D060310	Thorium-230	0.94	0.21	0.02	=	
MDSS0001	F5D060310	Thorium-232	0.35	0.12	0.04	=	
MDSS0002	F5D010187	Plutonium-238	8.1	1	0.07	=	
MDSS0002	F5D010187	Plutonium-239/240	0.087	0.055	0.052	J	T04
MDSS0002	F5D010187	Thorium-228	0.52	0.15	0.06	=	
MDSS0002	F5D010187	Thorium-230	0.72	0.18	0.04	=	
MDSS0002	F5D010187	Thorium-232	0.53	0.15	0.02	=	
MDSS0003	F5D010153	Plutonium-238	3.15	0.46	0.04	=	
MDSS0003	F5D010153	Plutonium-239/240	0.029	0.028	0.026	J	T04
MDSS0003	F5D010153	Thorium-228	0.99	0.21	0.07	=	
MDSS0003	F5D010153	Thorium-230	1.19	0.24	0.03	=	
MDSS0003	F5D010153	Thorium-232	1.01	0.21	0.02	=	
MDSS0004	F5D010153	Plutonium-238	1.14	0.19	0.04	=	
MDSS0004	F5D010153	Plutonium-239/240	0.001	0.013	0.029	UJ	T06
MDSS0004	F5D010153	Thorium-228	0.329	0.099	0.048	=	
MDSS0004	F5D010153	Thorium-230	0.53	0.13	0.02	=	
MDSS0004	F5D010153	Thorium-232	0.314	0.094	0.034	=	
MDSS0005	F5D010153	Plutonium-238	16.2	2	0.05	=	
MDSS0005	F5D010153	Plutonium-239/240	0.056	0.04	0.035	J	T04
MDSS0005	F5D010153	Thorium-228	0.81	0.2	0.09	=	
MDSS0005	F5D010153	Thorium-230	0.81	0.19	0.04	=	
MDSS0005	F5D010153	Thorium-232	0.7	0.18	0.04	=	
MDSS0006	F5D010153	Plutonium-238	6.46	0.82	0.04	=	
MDSS0006	F5D010153	Plutonium-239/240	0.057	0.039	0.016	J	T04
MDSS0006	F5D010153	Thorium-228	0.51	0.13	0.04	=	
MDSS0006	F5D010153	Thorium-230	0.55	0.14	0.03	=	
MDSS0006	F5D010153	Thorium-232	0.44	0.12	0.03	=	
MDSS0007	F5D010153	Plutonium-238	4.67	0.59	0.06	=	
MDSS0007	F5D010153	Plutonium-239/240	0.034	0.036	0.045	UJ	T06
MDSS0007	F5D010153	Thorium-228	0.7	0.15	0.04	=	
MDSS0007	F5D010153	Thorium-230	0.92	0.18	0.03	=	
MDSS0007	F5D010153	Thorium-232	0.73	0.15	0.02	=	
MDSS0008	F5D010153	Plutonium-238	9.4	1.1	0.05	=	
MDSS0008	F5D010153	Plutonium-239/240	0.036	0.03	0.027	J	T04
MDSS0008	F5D010153	Thorium-228	0.74	0.16	0.04	=	
MDSS0008	F5D010153	Thorium-230	0.82	0.17	0.03	=	
MDSS0008	F5D010153	Thorium-232	0.56	0.13	0.03	=	
MDSS0009	F5D010187	Plutonium-238	5.41	0.71	0.05	=	
MDSS0009	F5D010187	Plutonium-239/240	0.089	0.048	0.025	J	T04
MDSS0009	F5D010187	Thorium-228	0.51	0.15	0.04	=	
MDSS0009	F5D010187	Thorium-230	0.35	0.12	0.02	J	F01
MDSS0009	F5D010187	Thorium-232	0.26	0.1	0.02	=	
MDSS0010	F5D010187	Plutonium-238	14.3	1.6	0.06	=	
MDSS0010	F5D010187	Plutonium-239/240	0.226	0.076	0.043	=	
MDSS0010	F5D010187	Thorium-228	1.04	0.2	0.03	=	
MDSS0010	F5D010187	Thorium-230	0.95	0.19	0.03	=	
MDSS0010	F5D010187	Thorium-232	0.89	0.18	0.03	=	
MDSS0011	F5D010153	Plutonium-238	0.172	0.065	0.034	=	
MDSS0011	F5D010153	Plutonium-239/240	0.004	0.011	0.022	UJ	T06

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0011	F5D010153	Thorium-228	0.88	0.19	0.04	=	
MDSS0011	F5D010153	Thorium-230	0.86	0.18	0.03	=	
MDSS0011	F5D010153	Thorium-232	1.09	0.21	0.03	=	
MDSS0012	F5D010153	Plutonium-238	5.88	0.72	0.04	=	
MDSS0012	F5D010153	Plutonium-239/240	0.029	0.027	0.026	J	T04
MDSS0012	F5D010153	Thorium-228	0.98	0.21	0.05	=	
MDSS0012	F5D010153	Thorium-230	0.77	0.18	0.03	=	
MDSS0012	F5D010153	Thorium-232	0.8	0.18	0.02	=	
MDSS0013	F5D010153	Plutonium-238	0.039	0.037	0.044	U	T05
MDSS0013	F5D010153	Plutonium-239/240	-0.001	-0.012	0.024	U	T05
MDSS0013	F5D010153	Thorium-228	0.37	0.11	0.05	=	
MDSS0013	F5D010153	Thorium-230	1.08	0.21	0.03	=	
MDSS0013	F5D010153	Thorium-232	0.53	0.13	0.02	=	
MDSS0014	F5D010153	Plutonium-238	4.78	0.57	0.08	=	
MDSS0014	F5D010153	Plutonium-239/240	0.012	0.038	0.057	UJ	T06
MDSS0014	F5D010153	Thorium-228	1.28	0.27	0.06	=	
MDSS0014	F5D010153	Thorium-230	1.05	0.24	0.02	=	
MDSS0014	F5D010153	Thorium-232	0.81	0.2	0.03	=	
MDSS0015	F5D060389	Plutonium-238	0.29	0.1	0.09	=	
MDSS0015	F5D060389	Plutonium-239/240	0	0	0.06	U	
MDSS0015	F5D060389	Thorium-228	0.68	0.15	0.03	=	
MDSS0015	F5D060389	Thorium-230	0.6	0.14	0.02	=	
MDSS0015	F5D060389	Thorium-232	0.68	0.15	0.03	=	
MDSS0016	F5D010187	Plutonium-238	19	2.1	0.04	=	
MDSS0016	F5D010187	Plutonium-239/240	0.372	0.094	0.024	=	
MDSS0016	F5D010187	Thorium-228	1.4	0.27	0.04	=	
MDSS0016	F5D010187	Thorium-230	1.48	0.29	0.02	=	
MDSS0016	F5D010187	Thorium-232	1.09	0.23	0.02	=	
MDSS0017	F5D010187	Plutonium-238	21.1	2.4	0.04	=	
MDSS0017	F5D010187	Plutonium-239/240	0.15	0.06	0.015	=	
MDSS0017	F5D010187	Thorium-228	1.09	0.23	0.05	=	
MDSS0017	F5D010187	Thorium-230	1.37	0.27	0.02	=	
MDSS0017	F5D010187	Thorium-232	0.99	0.21	0.03	=	
MDSS0018	F5D010187	Plutonium-238	7.76	0.96	0.07	=	
MDSS0018	F5D010187	Plutonium-239/240	0.087	0.052	0.048	J	T04
MDSS0018	F5D010187	Thorium-228	0.67	0.2	0.06	=	
MDSS0018	F5D010187	Thorium-230	0.66	0.2	0.05	=	
MDSS0018	F5D010187	Thorium-232	0.49	0.17	0.03	=	
MDSS0019	F5D010187	Plutonium-238	13.9	1.5	0.05	=	
MDSS0019	F5D010187	Plutonium-239/240	0.176	0.064	0.038	=	
MDSS0019	F5D010187	Thorium-228	1.01	0.24	0.05	=	
MDSS0019	F5D010187	Thorium-230	0.53	0.16	0.05	=	
MDSS0019	F5D010187	Thorium-232	0.6	0.17	0.04	=	
MDSS0020	F5D010187	Plutonium-238	12	1.4	0.05	=	
MDSS0020	F5D010187	Plutonium-239/240	0.063	0.04	0.032	J	T04
MDSS0020	F5D010187	Thorium-228	1.05	0.22	0.05	=	
MDSS0020	F5D010187	Thorium-230	1.08	0.22	0.04	=	
MDSS0020	F5D010187	Thorium-232	0.88	0.19	0.03	=	
MDSS0021	F5D060310	Plutonium-238	0.84	0.17	0.03	=	
MDSS0021	F5D060310	Plutonium-239/240	0.0004	0.017	0.037	UJ	T06
MDSS0021	F5D060310	Thorium-228	1.01	0.2	0.04	=	
MDSS0021	F5D060310	Thorium-230	1.36	0.25	0.02	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0021	F5D060310	Thorium-232	0.94	0.19	0.02	=	
MDSS0022	F5D060310	Plutonium-238	0.6	0.14	0.04	=	
MDSS0022	F5D060310	Plutonium-239/240	0.008	0.018	0.031	UJ	T06
MDSS0022	F5D060310	Thorium-228	0.64	0.15	0.04	=	
MDSS0022	F5D060310	Thorium-230	0.8	0.17	0.02	=	
MDSS0022	F5D060310	Thorium-232	0.71	0.16	0.03	=	
MDSS0023	F5D010187	Plutonium-238	15.3	1.8	0.05	=	
MDSS0023	F5D010187	Plutonium-239/240	0.176	0.067	0.028	=	
MDSS0023	F5D010187	Thorium-228	0.88	0.2	0.05	=	
MDSS0023	F5D010187	Thorium-230	1.73	0.33	0.02	=	
MDSS0023	F5D010187	Thorium-232	0.66	0.17	0.02	=	
MDSS0024	F5D010187	Plutonium-238	1.01	0.2	0.05	=	
MDSS0024	F5D010187	Plutonium-239/240	0.01	0.019	0.03	UJ	T06
MDSS0024	F5D010187	Thorium-228	0.65	0.17	0.04	=	
MDSS0024	F5D010187	Thorium-230	0.99	0.22	0.04	=	
MDSS0024	F5D010187	Thorium-232	0.71	0.17	0.02	=	
MDSS0025	F5D060323	Plutonium-238	15.3	1.8	0.04	J	J01
MDSS0025	F5D060323	Plutonium-239/240	0.032	0.027	0.023	J	T04
MDSS0025	F5D060323	Thorium-228	0.96	0.18	0.04	=	
MDSS0025	F5D060323	Thorium-230	1.28	0.22	0.01	=	
MDSS0025	F5D060323	Thorium-232	0.91	0.17	0.03	J	J01
MDSS0026	F5D060323	Plutonium-238	27.7	2.9	0.03	J	J01
MDSS0026	F5D060323	Plutonium-239/240	0.07	0.037	0.02	J	T04
MDSS0026	F5D060323	Thorium-228	1.23	0.23	0.04	=	
MDSS0026	F5D060323	Thorium-230	0.97	0.19	0.02	=	
MDSS0026	F5D060323	Thorium-232	0.82	0.17	0.02	J	J01
MDSS0027	F5D060323	Plutonium-238	12.3	1.4	0.03	J	J01
MDSS0027	F5D060323	Plutonium-239/240	0.069	0.04	0.023	J	T04
MDSS0027	F5D060323	Thorium-228	0.54	0.15	0.05	=	
MDSS0027	F5D060323	Thorium-230	4.71	0.76	0.03	=	
MDSS0027	F5D060323	Thorium-232	0.48	0.14	0.02	J	J01
MDSS0028	F5D060351	Plutonium-238	10.7	1.3	0.04	=	
MDSS0028	F5D060351	Plutonium-239/240	0.028	0.028	0.015	J	T04
MDSS0028	F5D060351	Thorium-228	0.48	0.13	0.04	=	
MDSS0028	F5D060351	Thorium-230	0.89	0.19	0.03	=	
MDSS0028	F5D060351	Thorium-232	0.4	0.11	0.02	J	J01
MDSS0029	F5D060323	Plutonium-238	4.13	0.55	0.03	J	J01
MDSS0029	F5D060323	Plutonium-239/240	0.022	0.025	0.015	J	T04
MDSS0029	F5D060323	Thorium-228	1.16	0.23	0.04	=	
MDSS0029	F5D060323	Thorium-230	1.42	0.26	0.03	=	
MDSS0029	F5D060323	Thorium-232	1.08	0.21	0.02	J	J01
MDSS0030	F5D060323	Plutonium-238	7.83	0.91	0.03	J	J01
MDSS0030	F5D060323	Plutonium-239/240	0.014	0.018	0.021	UJ	T06
MDSS0030	F5D060323	Thorium-228	0.96	0.19	0.04	=	
MDSS0030	F5D060323	Thorium-230	1.2	0.22	0.02	=	
MDSS0030	F5D060323	Thorium-232	0.83	0.17	0.03	J	J01
MDSS0031	F5D060323	Plutonium-238	33.3	3.6	0.04	J	J01
MDSS0031	F5D060323	Plutonium-239/240	0.108	0.049	0.022	=	
MDSS0031	F5D060323	Thorium-228	1.49	0.27	0.03	=	
MDSS0031	F5D060323	Thorium-230	1.03	0.21	0.03	=	
MDSS0031	F5D060323	Thorium-232	0.99	0.2	0.03	J	J01
MDSS0032	F5D060310	Plutonium-238	1.29	0.22	0.03	=	

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Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0032	F5D060310	Plutonium-239/240	0.016	0.02	0.024	UJ	T06
MDSS0032	F5D060310	Thorium-228	0.83	0.18	0.05	=	
MDSS0032	F5D060310	Thorium-230	0.89	0.18	0.03	=	
MDSS0032	F5D060310	Thorium-232	0.71	0.16	0.03	=	
MDSS0033	F5D060323	Plutonium-238	295	30	0.04	J	J01
MDSS0033	F5D060323	Plutonium-239/240	0.85	0.15	0.03	=	
MDSS0033	F5D060323	Thorium-228	4.01	0.59	0.04	=	
MDSS0033	F5D060323	Thorium-230	0.98	0.2	0.03	=	
MDSS0033	F5D060323	Thorium-232	0.57	0.14	0.03	J	J01
MDSS0034	F5D060323	Plutonium-238	5.45	0.67	0.04	J	J01
MDSS0034	F5D060323	Plutonium-239/240	0.014	0.019	0.025	UJ	T06
MDSS0034	F5D060323	Thorium-228	0.44	0.13	0.05	=	
MDSS0034	F5D060323	Thorium-230	0.5	0.14	0.04	=	
MDSS0034	F5D060323	Thorium-232	0.4	0.12	0.03	J	J01
MDSS0035	F5D060323	Plutonium-238	6.55	0.78	0.04	J	J01
MDSS0035	F5D060323	Plutonium-239/240	0.049	0.033	0.025	J	T04
MDSS0035	F5D060323	Thorium-228	1.02	0.19	0.03	=	
MDSS0035	F5D060323	Thorium-230	1.36	0.23	0.01	=	
MDSS0035	F5D060323	Thorium-232	1.01	0.19	0.03	J	J01
MDSS0036	F5D010187	Plutonium-238	11	1.2	0.03	=	
MDSS0036	F5D010187	Plutonium-239/240	0.101	0.046	0.026	=	
MDSS0036	F5D010187	Thorium-228	1.05	0.22	0.03	=	
MDSS0036	F5D010187	Thorium-230	1.17	0.24	0.03	=	
MDSS0036	F5D010187	Thorium-232	0.77	0.18	0.03	=	
MDSS0037	F5D010153	Plutonium-238	6.36	0.73	0.05	=	
MDSS0037	F5D010153	Plutonium-239/240	0.055	0.039	0.039	J	T04
MDSS0037	F5D010153	Thorium-228	0.91	0.18	0.04	=	
MDSS0037	F5D010153	Thorium-230	0.94	0.19	0.02	=	
MDSS0037	F5D010153	Thorium-232	0.84	0.17	0.02	=	
MDSS0038	F5D010153	Plutonium-238	11.2	1.3	0.06	=	
MDSS0038	F5D010153	Plutonium-239/240	0.076	0.046	0.042	J	T04
MDSS0038	F5D010153	Thorium-228	1.25	0.22	0.03	=	
MDSS0038	F5D010153	Thorium-230	1.18	0.21	0.03	=	
MDSS0038	F5D010153	Thorium-232	1.28	0.22	0.03	=	
MDSS0039	F5D060310	Plutonium-238	9.9	1.1	0.04	=	
MDSS0039	F5D060310	Plutonium-239/240	0.144	0.057	0.022	=	
MDSS0039	F5D060310	Thorium-228	1.21	0.23	0.03	=	
MDSS0039	F5D060310	Thorium-230	1.19	0.23	0.03	=	
MDSS0039	F5D060310	Thorium-232	0.88	0.18	0.03	=	
MDSS0040	F5D060323	Plutonium-238	13.8	1.6	0.04	J	J01
MDSS0040	F5D060323	Plutonium-239/240	0.037	0.03	0.027	J	T04
MDSS0040	F5D060323	Thorium-228	1.9	0.31	0.04	=	
MDSS0040	F5D060323	Thorium-230	1.17	0.22	0.03	=	
MDSS0040	F5D060323	Thorium-232	1.46	0.26	0.02	J	J01
MDSS0041	F5D010187	Plutonium-238	5.78	0.69	0.03	=	
MDSS0041	F5D010187	Plutonium-239/240	0.053	0.034	0.025	J	T04
MDSS0041	F5D010187	Thorium-228	0.83	0.17	0.03	=	
MDSS0041	F5D010187	Thorium-230	1.05	0.2	0.02	=	
MDSS0041	F5D010187	Thorium-232	0.66	0.15	0.02	=	
MDSS0042	F5D060323	Plutonium-238	8.1	0.95	0.04	J	J01
MDSS0042	F5D060323	Plutonium-239/240	0.005	0.014	0.014	UJ	T06
MDSS0042	F5D060323	Thorium-228	1.07	0.2	0.03	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0042	F5D060323	Thorium-230	1.49	0.25	0.03	=	
MDSS0042	F5D060323	Thorium-232	1.1	0.2	0.01	J	J01
MDSS0043	F5D010187	Plutonium-238	12.1	1.6	0.04	=	
MDSS0043	F5D010187	Plutonium-239/240	0.087	0.051	0.029	J	T04
MDSS0043	F5D010187	Thorium-228	0.8	0.23	0.08	=	
MDSS0043	F5D010187	Thorium-230	0.61	0.19	0.05	=	
MDSS0043	F5D010187	Thorium-232	0.29	0.12	0.05	=	
MDSS0044	F5D060323	Plutonium-238	48.3	5.1	0.03	J	J01
MDSS0044	F5D060323	Plutonium-239/240	0.125	0.051	0.021	=	
MDSS0044	F5D060323	Thorium-228	1.51	0.27	0.05	=	
MDSS0044	F5D060323	Thorium-230	1.41	0.26	0.02	=	
MDSS0044	F5D060323	Thorium-232	1.03	0.21	0.03	J	J01
MDSS0045	F5D010187	Plutonium-238	71	8	0.05	=	
MDSS0045	F5D010187	Plutonium-239/240	0.53	0.13	0.03	=	
MDSS0045	F5D010187	Thorium-228	1.57	0.31	0.05	=	
MDSS0045	F5D010187	Thorium-230	1.03	0.23	0.02	=	
MDSS0045	F5D010187	Thorium-232	1.04	0.23	0.04	=	
MDSS0046	F5D010153	Plutonium-238	0.254	0.082	0.043	=	
MDSS0046	F5D010153	Plutonium-239/240	-0.004	-0.014	0.031	U	T05
MDSS0046	F5D010153	Thorium-228	0.66	0.16	0.06	=	
MDSS0046	F5D010153	Thorium-230	1.35	0.26	0.03	=	
MDSS0046	F5D010153	Thorium-232	0.64	0.16	0.04	=	
MDSS0047	F5D010153	Plutonium-238	0.48	0.12	0.04	=	
MDSS0047	F5D010153	Plutonium-239/240	0.016	0.021	0.024	UJ	T06
MDSS0047	F5D010153	Thorium-228	0.3	0.11	0.05	=	
MDSS0047	F5D010153	Thorium-230	0.258	0.096	0.033	=	
MDSS0047	F5D010153	Thorium-232	0.28	0.1	0.03	=	
MDSS0048	F5D010153	Plutonium-238	0.39	0.11	0.07	=	
MDSS0048	F5D010153	Plutonium-239/240	-0.0004	-0.023	0.046	U	T05
MDSS0048	F5D010153	Thorium-228	1.01	0.21	0.03	=	
MDSS0048	F5D010153	Thorium-230	1.47	0.27	0.02	=	
MDSS0048	F5D010153	Thorium-232	1.04	0.21	0.03	=	
MDSS0049	F5D010153	Plutonium-238	0.94	0.17	0.03	=	
MDSS0049	F5D010153	Plutonium-239/240	0.011	0.019	0.029	UJ	T06
MDSS0049	F5D010153	Thorium-228	0.74	0.17	0.05	=	
MDSS0049	F5D010153	Thorium-230	0.75	0.17	0.04	=	
MDSS0049	F5D010153	Thorium-232	0.68	0.16	0.03	=	
MDSS0050	F5D010187	Plutonium-238	1.81	0.28	0.06	=	
MDSS0050	F5D010187	Plutonium-239/240	0.057	0.041	0.041	J	T04
MDSS0050	F5D010187	Thorium-228	0.83	0.18	0.05	=	
MDSS0050	F5D010187	Thorium-230	0.8	0.17	0.03	=	
MDSS0050	F5D010187	Thorium-232	0.85	0.18	0.02	=	
MDSS0051	F5D010187	Plutonium-238	1.64	0.29	0.08	=	
MDSS0051	F5D010187	Plutonium-239/240	0.026	0.037	0.051	UJ	T06
MDSS0051	F5D010187	Thorium-228	0.58	0.18	0.08	=	
MDSS0051	F5D010187	Thorium-230	1.11	0.26	0.05	=	
MDSS0051	F5D010187	Thorium-232	0.72	0.2	0.04	=	
MDSS0052	F5D010187	Plutonium-238	0.96	0.19	0.07	=	
MDSS0052	F5D010187	Plutonium-239/240	0.014	0.033	0.051	UJ	T06
MDSS0052	F5D010187	Thorium-228	0.54	0.15	0.05	=	
MDSS0052	F5D010187	Thorium-230	0.99	0.22	0.03	=	
MDSS0052	F5D010187	Thorium-232	0.49	0.14	0.03	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0053	F5D010187	Plutonium-238	0.65	0.16	0.1	=	
MDSS0053	F5D010187	Plutonium-239/240	0	0	0.08	U	
MDSS0053	F5D010187	Thorium-228	0.79	0.19	0.07	=	
MDSS0053	F5D010187	Thorium-230	1.24	0.26	0.05	=	
MDSS0053	F5D010187	Thorium-232	0.73	0.18	0.05	=	
MDSS0054	F5D010187	Plutonium-238	4.98	0.7	0.05	=	
MDSS0054	F5D010187	Plutonium-239/240	0.083	0.049	0.032	J	T04
MDSS0054	F5D010187	Thorium-228	0.91	0.2	0.06	=	
MDSS0054	F5D010187	Thorium-230	1	0.22	0.06	=	
MDSS0054	F5D010187	Thorium-232	0.91	0.2	0.05	=	
MDSS0055	F5D010187	Plutonium-238	0.6	0.14	0.03	=	
MDSS0055	F5D010187	Plutonium-239/240	0.001	0.016	0.035	UJ	T06
MDSS0055	F5D010187	Thorium-228	0.64	0.17	0.05	=	
MDSS0055	F5D010187	Thorium-230	1.27	0.27	0.04	=	
MDSS0055	F5D010187	Thorium-232	0.73	0.18	0.03	=	
MDSS0056	F5D010153	Plutonium-238	1.06	0.2	0.05	=	
MDSS0056	F5D010153	Plutonium-239/240	0.01	0.019	0.029	UJ	T06
MDSS0056	F5D010153	Thorium-228	0.73	0.17	0.05	=	
MDSS0056	F5D010153	Thorium-230	1.13	0.22	0.03	=	
MDSS0056	F5D010153	Thorium-232	0.73	0.17	0.03	=	
MDSS0057	F5D010153	Plutonium-238	0.202	0.073	0.043	=	
MDSS0057	F5D010153	Plutonium-239/240	0.003	0.013	0.026	UJ	T06
MDSS0057	F5D010153	Thorium-228	0.55	0.14	0.05	=	
MDSS0057	F5D010153	Thorium-230	1.19	0.23	0.03	=	
MDSS0057	F5D010153	Thorium-232	0.57	0.14	0.02	=	
MDSS0058	F5D010153	Plutonium-238	0.78	0.16	0.05	=	
MDSS0058	F5D010153	Plutonium-239/240	0.002	0.014	0.03	UJ	T06
MDSS0058	F5D010153	Thorium-228	0.8	0.19	0.05	=	
MDSS0058	F5D010153	Thorium-230	1.02	0.22	0.03	=	
MDSS0058	F5D010153	Thorium-232	0.77	0.18	0.02	=	
MDSS0059	F5D010153	Plutonium-238	1	0.18	0.04	=	
MDSS0059	F5D010153	Plutonium-239/240	0.001	0.014	0.03	UJ	T06
MDSS0059	F5D010153	Thorium-228	0.67	0.16	0.1	=	
MDSS0059	F5D010153	Thorium-230	1.18	0.22	0.04	=	
MDSS0059	F5D010153	Thorium-232	0.69	0.15	0.05	=	
MDSS0060	F5D010187	Plutonium-238	1.93	0.28	0.07	=	
MDSS0060	F5D010187	Plutonium-239/240	0.046	0.044	0.053	U	T05
MDSS0060	F5D010187	Thorium-228	0.91	0.2	0.03	=	
MDSS0060	F5D010187	Thorium-230	0.87	0.19	0.03	=	
MDSS0060	F5D010187	Thorium-232	0.73	0.17	0.02	=	
MDSS0061	F5D060323	Plutonium-238	91	9.7	0.03	J	J01
MDSS0061	F5D060323	Plutonium-239/240	0.362	0.094	0.022	=	
MDSS0061	F5D060323	Thorium-228	1.86	0.34	0.04	=	
MDSS0061	F5D060323	Thorium-230	1.03	0.22	0.04	=	
MDSS0061	F5D060323	Thorium-232	0.75	0.18	0.03	J	J01
MDSS0062	F5D060323	Plutonium-238	5.09	0.69	0.05	J	J01
MDSS0062	F5D060323	Plutonium-239/240	0.014	0.024	0.036	UJ	T06
MDSS0062	F5D060323	Thorium-228	0.33	0.11	0.03	=	
MDSS0062	F5D060323	Thorium-230	0.55	0.15	0.04	=	
MDSS0062	F5D060323	Thorium-232	0.29	0.1	0.04	J	J01
MDSS0063	F5D060323	Plutonium-238	2.32	0.33	0.04	J	J01
MDSS0063	F5D060323	Plutonium-239/240	0.019	0.022	0.025	UJ	T06

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0063	F5D060323	Thorium-228	0.56	0.14	0.05	=	
MDSS0063	F5D060323	Thorium-230	0.83	0.18	0.03	=	
MDSS0063	F5D060323	Thorium-232	0.67	0.16	0.03	J	J01
MDSS0064	F5D010187	Plutonium-238	5.21	0.81	0.05	=	
MDSS0064	F5D010187	Plutonium-239/240	0.023	0.029	0.035	UJ	T06
MDSS0064	F5D010187	Thorium-228	0.42	0.17	0.11	=	
MDSS0064	F5D010187	Thorium-230	0.55	0.18	0.06	=	
MDSS0064	F5D010187	Thorium-232	0.35	0.14	0.07	=	
MDSS0065	F5D010187	Plutonium-238	0.48	0.12	0.04	=	
MDSS0065	F5D010187	Plutonium-239/240	0.018	0.024	0.032	UJ	T06
MDSS0065	F5D010187	Thorium-228	0.54	0.15	0.05	=	
MDSS0065	F5D010187	Thorium-230	0.88	0.21	0.03	=	
MDSS0065	F5D010187	Thorium-232	0.71	0.18	0.04	=	
MDSS0066	F5D010187	Plutonium-238	6.19	0.8	0.05	=	
MDSS0066	F5D010187	Plutonium-239/240	0.047	0.034	0.025	J	T04
MDSS0066	F5D010187	Thorium-228	0.52	0.13	0.03	=	
MDSS0066	F5D010187	Thorium-230	0.78	0.17	0.03	=	
MDSS0066	F5D010187	Thorium-232	0.48	0.13	0.04	=	
MDSS0067	F5D010187	Plutonium-238	8.4	1.2	0.06	=	
MDSS0067	F5D010187	Plutonium-239/240	0.084	0.055	0.039	J	T04
MDSS0067	F5D010187	Thorium-228	0.78	0.2	0.05	=	
MDSS0067	F5D010187	Thorium-230	1.06	0.24	0.05	=	
MDSS0067	F5D010187	Thorium-232	0.62	0.17	0.04	=	
MDSS0068	F5D010187	Plutonium-238	14.2	1.8	0.05	=	
MDSS0068	F5D010187	Plutonium-239/240	0.14	0.063	0.017	=	
MDSS0068	F5D010187	Thorium-228	0.7	0.18	0.06	=	
MDSS0068	F5D010187	Thorium-230	0.99	0.22	0.04	=	
MDSS0068	F5D010187	Thorium-232	0.73	0.18	0.04	=	
MDSS0069	F5D060310	Plutonium-238	0.77	0.16	0.04	=	
MDSS0069	F5D060310	Plutonium-239/240	0.005	0.012	0.024	UJ	T06
MDSS0069	F5D060310	Thorium-228	0.68	0.15	0.03	=	
MDSS0069	F5D060310	Thorium-230	1.03	0.2	0.02	=	
MDSS0069	F5D060310	Thorium-232	0.7	0.15	0.02	=	
MDSS0070	F5D060310	Plutonium-238	10.6	1.2	0.04	=	
MDSS0070	F5D060310	Plutonium-239/240	0.12	0.054	0.015	=	
MDSS0070	F5D060310	Thorium-228	0.82	0.18	0.04	=	
MDSS0070	F5D060310	Thorium-230	0.71	0.17	0.03	=	
MDSS0070	F5D060310	Thorium-232	0.56	0.14	0.02	=	
MDSS0071	F5D010187	Plutonium-238	7.93	0.98	0.04	=	
MDSS0071	F5D010187	Plutonium-239/240	0.084	0.045	0.024	J	T04
MDSS0071	F5D010187	Thorium-228	0.55	0.15	0.06	=	
MDSS0071	F5D010187	Thorium-230	0.79	0.18	0.05	=	
MDSS0071	F5D010187	Thorium-232	0.58	0.15	0.03	=	
MDSS0072	F5D060310	Plutonium-238	2.56	0.4	0.05	=	
MDSS0072	F5D060310	Plutonium-239/240	0.053	0.04	0.018	J	T04
MDSS0072	F5D060310	Thorium-228	0.75	0.17	0.03	=	
MDSS0072	F5D060310	Thorium-230	0.89	0.19	0.03	=	
MDSS0072	F5D060310	Thorium-232	0.74	0.17	0.03	=	
MDSS0073	F5D060310	Plutonium-238	10	1.3	0.05	=	
MDSS0073	F5D060310	Plutonium-239/240	0.226	0.08	0.027	=	
MDSS0073	F5D060310	Thorium-228	1.24	0.24	0.05	=	
MDSS0073	F5D060310	Thorium-230	0.97	0.2	0.03	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0073	F5D060310	Thorium-232	0.66	0.15	0.02	=	
MDSS0074	F5D060310	Plutonium-238	0.238	0.093	0.059	=	
MDSS0074	F5D060310	Plutonium-239/240	0	0	0.03	U	
MDSS0074	F5D060310	Thorium-228	0.52	0.16	0.05	=	
MDSS0074	F5D060310	Thorium-230	1.04	0.25	0.04	=	
MDSS0074	F5D060310	Thorium-232	0.63	0.18	0.02	=	
MDSS0075	F5D060310	Plutonium-238	0.76	0.15	0.03	=	
MDSS0075	F5D060310	Plutonium-239/240	0.012	0.021	0.032	UJ	T06
MDSS0075	F5D060310	Thorium-228	0.59	0.13	0.03	=	
MDSS0075	F5D060310	Thorium-230	0.91	0.18	0.01	=	
MDSS0075	F5D060310	Thorium-232	0.49	0.12	0.02	=	
MDSS0076	F5D060310	Plutonium-238	4.17	0.62	0.05	=	
MDSS0076	F5D060310	Plutonium-239/240	0.046	0.039	0.034	J	T04
MDSS0076	F5D060310	Thorium-228	0.44	0.14	0.04	=	
MDSS0076	F5D060310	Thorium-230	0.48	0.15	0.02	=	
MDSS0076	F5D060310	Thorium-232	0.218	0.093	0.023	=	
MDSS0077	F5D060310	Plutonium-238	7.3	1	0.05	=	
MDSS0077	F5D060310	Plutonium-239/240	0.028	0.032	0.019	J	T04
MDSS0077	F5D060310	Thorium-228	0.96	0.23	0.05	=	
MDSS0077	F5D060310	Thorium-230	1.04	0.24	0.05	=	
MDSS0077	F5D060310	Thorium-232	0.81	0.2	0.04	=	
MDSS0078	F5D060310	Plutonium-238	21.8	2.6	0.07	=	
MDSS0078	F5D060310	Plutonium-239/240	0.37	0.11	0.05	=	
MDSS0078	F5D060310	Thorium-228	1.23	0.23	0.04	=	
MDSS0078	F5D060310	Thorium-230	0.83	0.18	0.03	=	
MDSS0078	F5D060310	Thorium-232	0.76	0.17	0.03	=	
MDSS0079	F5D060310	Plutonium-238	4.98	0.68	0.1	=	
MDSS0079	F5D060310	Plutonium-239/240	0.066	0.062	0.076	U	T05
MDSS0079	F5D060310	Thorium-228	0.59	0.16	0.04	=	
MDSS0079	F5D060310	Thorium-230	0.65	0.17	0.04	=	
MDSS0079	F5D060310	Thorium-232	0.43	0.13	0.04	=	
MDSS0080	F5D060310	Plutonium-238	14.9	1.8	0.07	=	
MDSS0080	F5D060310	Plutonium-239/240	0.212	0.077	0.045	=	
MDSS0080	F5D060310	Thorium-228	0.91	0.19	0.03	=	
MDSS0080	F5D060310	Thorium-230	0.93	0.19	0.02	=	
MDSS0080	F5D060310	Thorium-232	0.6	0.14	0.02	=	
MDSS0082	F5D060351	Plutonium-238	19.5	2.3	0.05	=	
MDSS0082	F5D060351	Plutonium-239/240	0.072	0.042	0.024	J	T04
MDSS0082	F5D060351	Thorium-228	1.04	0.23	0.06	=	
MDSS0082	F5D060351	Thorium-230	1.19	0.25	0.02	=	
MDSS0082	F5D060351	Thorium-232	0.89	0.2	0.04	J	J01
MDSS0083	F5D060351	Plutonium-238	12.7	1.4	0.03	=	
MDSS0083	F5D060351	Plutonium-239/240	0.035	0.029	0.014	J	T04
MDSS0083	F5D060351	Thorium-228	0.94	0.19	0.03	=	
MDSS0083	F5D060351	Thorium-230	1.26	0.23	0.03	=	
MDSS0083	F5D060351	Thorium-232	0.92	0.18	0.02	J	J01
MDSS0084	F5D060367	Plutonium-238	71.8	7.2	0.03	=	
MDSS0084	F5D060367	Plutonium-239/240	1.06	0.17	0.02	=	
MDSS0084	F5D060367	Thorium-228	0.99	0.22	0.03	J	J01
MDSS0084	F5D060367	Thorium-230	0.79	0.19	0.04	=	
MDSS0084	F5D060367	Thorium-232	0.35	0.11	0.04	J	J01
MDSS0085	F5D060367	Plutonium-238	24	2.7	0.04	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0085	F5D060367	Plutonium-239/240	0.39	0.1	0.03	=	
MDSS0085	F5D060367	Thorium-228	0.64	0.19	0.06	J	J01
MDSS0085	F5D060367	Thorium-230	0.68	0.2	0.04	=	
MDSS0085	F5D060367	Thorium-232	0.34	0.13	0.05	J	J01
MDSS0086	F5D060310	Plutonium-238	1.76	0.29	0.07	=	
MDSS0086	F5D060310	Plutonium-239/240	0.02	0.034	0.05	UJ	T06
MDSS0086	F5D060310	Thorium-228	0.73	0.17	0.05	=	
MDSS0086	F5D060310	Thorium-230	1.24	0.24	0.02	=	
MDSS0086	F5D060310	Thorium-232	0.94	0.19	0.03	=	
MDSS0087	F5D060310	Plutonium-238	0.62	0.13	0.04	=	
MDSS0087	F5D060310	Plutonium-239/240	0	0	0.04	U	
MDSS0087	F5D060310	Thorium-228	0.85	0.19	0.05	=	
MDSS0087	F5D060310	Thorium-230	1.35	0.26	0.03	=	
MDSS0087	F5D060310	Thorium-232	0.89	0.19	0.03	=	
MDSS0089	F5D250160	Plutonium-238	14.7	1.1	0.03	=	
MDSS0089	F5D250160	Plutonium-239/240	0.069	0.027	0.013	=	
MDSS0089	F5D250160	Thorium-228	0.73	0.18	0.06	=	
MDSS0089	F5D250160	Thorium-230	1	0.21	0.04	=	
MDSS0089	F5D250160	Thorium-232	0.59	0.16	0.05	=	
MDSS0090	F5D060377	Plutonium-238	1.03	0.18	0.04	J	J01
MDSS0090	F5D060377	Plutonium-239/240	0.032	0.029	0.03	J	T04
MDSS0090	F5D060377	Thorium-228	0.93	0.21	0.05	=	
MDSS0090	F5D060377	Thorium-230	1.07	0.23	0.04	=	
MDSS0090	F5D060377	Thorium-232	0.99	0.22	0.03	=	
MDSS0091	F5D060351	Plutonium-238	85.2	9.3	0.06	=	
MDSS0091	F5D060351	Plutonium-239/240	0.361	0.098	0.042	=	
MDSS0091	F5D060351	Thorium-228	1.88	0.38	0.05	=	
MDSS0091	F5D060351	Thorium-230	0.79	0.2	0.04	=	
MDSS0091	F5D060351	Thorium-232	0.72	0.19	0.04	J	J01
MDSS0092	F5D060377	Plutonium-238	0.6	0.13	0.04	J	J01
MDSS0092	F5D060377	Plutonium-239/240	0.02	0.023	0.026	UJ	T06
MDSS0092	F5D060377	Thorium-228	1.04	0.2	0.03	=	
MDSS0092	F5D060377	Thorium-230	0.74	0.16	0.03	=	
MDSS0092	F5D060377	Thorium-232	0.78	0.17	0.02	=	
MDSS0093	F5D060367	Plutonium-238	48.8	5.4	0.04	=	
MDSS0093	F5D060367	Plutonium-239/240	0.43	0.11	0.03	=	
MDSS0093	F5D060367	Thorium-228	1.39	0.28	0.07	J	J01
MDSS0093	F5D060367	Thorium-230	1.37	0.28	0.04	=	
MDSS0093	F5D060367	Thorium-232	1.02	0.23	0.03	J	J01
MDSS0094	F5D060377	Plutonium-238	1.6	0.25	0.03	J	J01
MDSS0094	F5D060377	Plutonium-239/240	0.059	0.037	0.023	J	T04
MDSS0094	F5D060377	Thorium-228	0.62	0.14	0.03	=	
MDSS0094	F5D060377	Thorium-230	0.88	0.18	0.03	=	
MDSS0094	F5D060377	Thorium-232	0.53	0.13	0.03	=	
MDSS0095	F5D060367	Plutonium-238	2.29	0.34	0.04	=	
MDSS0095	F5D060367	Plutonium-239/240	0.048	0.034	0.027	J	T04
MDSS0095	F5D060367	Thorium-228	0.92	0.23	0.07	J	J01
MDSS0095	F5D060367	Thorium-230	1.03	0.24	0.06	=	
MDSS0095	F5D060367	Thorium-232	0.94	0.23	0.05	J	J01
MDSS0096	F5D060377	Plutonium-238	0.63	0.13	0.03	J	J01
MDSS0096	F5D060377	Plutonium-239/240	0.014	0.018	0.021	UJ	T06
MDSS0096	F5D060377	Thorium-228	0.241	0.087	0.039	J	F01

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0096	F5D060377	Thorium-230	0.62	0.15	0.03	=	
MDSS0096	F5D060377	Thorium-232	0.278	0.094	0.018	=	
MDSS0097	F5D060323	Plutonium-238	1	0.18	0.03	J	J01
MDSS0097	F5D060323	Plutonium-239/240	0.004	0.012	0.023	UJ	T06
MDSS0097	F5D060323	Thorium-228	1.15	0.23	0.03	=	
MDSS0097	F5D060323	Thorium-230	1.02	0.22	0.02	=	
MDSS0097	F5D060323	Thorium-232	0.99	0.21	0.02	J	J01
MDSS0098	F5D060367	Plutonium-238	6.16	0.82	0.04	=	
MDSS0098	F5D060367	Plutonium-239/240	0.093	0.05	0.027	J	T04
MDSS0098	F5D060367	Thorium-228	0.91	0.24	0.08	J	J01
MDSS0098	F5D060367	Thorium-230	0.89	0.24	0.08	=	
MDSS0098	F5D060367	Thorium-232	0.73	0.21	0.07	J	J01
MDSS0099	F5D060377	Plutonium-238	18.3	2.1	0.05	J	J01
MDSS0099	F5D060377	Plutonium-239/240	0.14	0.058	0.029	=	
MDSS0099	F5D060377	Thorium-228	0.96	0.21	0.05	=	
MDSS0099	F5D060377	Thorium-230	1.05	0.23	0.02	=	
MDSS0099	F5D060377	Thorium-232	0.67	0.17	0.03	=	
MDSS0100	F5D060377	Plutonium-238	0.48	0.12	0.04	J	J01
MDSS0100	F5D060377	Plutonium-239/240	0.018	0.024	0.016	J	T04
MDSS0100	F5D060377	Thorium-228	0.72	0.17	0.03	=	
MDSS0100	F5D060377	Thorium-230	0.82	0.18	0.02	=	
MDSS0100	F5D060377	Thorium-232	0.6	0.15	0.03	=	
MDSS0101	F5D060367	Plutonium-238	24.3	2.6	0.03	=	
MDSS0101	F5D060367	Plutonium-239/240	0.359	0.093	0.022	=	
MDSS0101	F5D060367	Thorium-228	1.05	0.21	0.06	J	J01
MDSS0101	F5D060367	Thorium-230	1.08	0.22	0.05	=	
MDSS0101	F5D060367	Thorium-232	0.79	0.17	0.03	J	J01
MDSS0102	F5D060377	Plutonium-238	0.5	0.13	0.05	J	J01
MDSS0102	F5D060377	Plutonium-239/240	-0.002	-0.014	0.029	U	T05
MDSS0102	F5D060377	Thorium-228	0.73	0.18	0.05	=	
MDSS0102	F5D060377	Thorium-230	1.01	0.23	0.03	=	
MDSS0102	F5D060377	Thorium-232	0.78	0.19	0.03	=	
MDSS0103	F5D060377	Plutonium-238	73	7.8	0.03	J	J01
MDSS0103	F5D060377	Plutonium-239/240	0.69	0.14	0.02	=	
MDSS0103	F5D060377	Thorium-228	1.44	0.26	0.03	=	
MDSS0103	F5D060377	Thorium-230	1.49	0.27	0.02	=	
MDSS0103	F5D060377	Thorium-232	0.97	0.2	0.02	=	
MDSS0104	F5D060367	Plutonium-238	28.4	3.1	0.03	=	
MDSS0104	F5D060367	Plutonium-239/240	0.44	0.1	0.02	=	
MDSS0104	F5D060367	Thorium-228	0.91	0.21	0.06	J	J01
MDSS0104	F5D060367	Thorium-230	0.91	0.21	0.04	=	
MDSS0104	F5D060367	Thorium-232	0.86	0.2	0.04	J	J01
MDSS0105	F5D060377	Plutonium-238	3.42	0.44	0.03	J	J01
MDSS0105	F5D060377	Plutonium-239/240	0.043	0.03	0.021	J	T04
MDSS0105	F5D060377	Thorium-228	0.96	0.2	0.04	=	
MDSS0105	F5D060377	Thorium-230	0.92	0.19	0.03	=	
MDSS0105	F5D060377	Thorium-232	1.05	0.21	0.02	=	
MDSS0106	F5D060377	Plutonium-238	0.48	0.12	0.04	J	J01
MDSS0106	F5D060377	Plutonium-239/240	0.077	0.044	0.028	J	T04
MDSS0106	F5D060377	Thorium-228	0.35	0.1	0.04	=	
MDSS0106	F5D060377	Thorium-230	0.62	0.15	0.03	=	
MDSS0106	F5D060377	Thorium-232	0.302	0.094	0.016	=	

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Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0107	F5D060367	Plutonium-238	73.7	7.6	0.04	=	
MDSS0107	F5D060367	Plutonium-239/240	1.31	0.21	0.01	=	
MDSS0107	F5D060367	Thorium-228	1.32	0.27	0.05	J	J01
MDSS0107	F5D060367	Thorium-230	0.78	0.19	0.04	=	
MDSS0107	F5D060367	Thorium-232	0.66	0.17	0.04	J	J01
MDSS0108	F5D060377	Plutonium-238	0.58	0.13	0.05	J	J01
MDSS0108	F5D060377	Plutonium-239/240	0.013	0.02	0.029	UJ	T06
MDSS0108	F5D060377	Thorium-228	0.84	0.19	0.04	=	
MDSS0108	F5D060377	Thorium-230	1.06	0.22	0.03	=	
MDSS0108	F5D060377	Thorium-232	0.9	0.19	0.03	=	
MDSS0109	F5D060388	Plutonium-238	1.14	0.19	0.03	=	
MDSS0109	F5D060388	Plutonium-239/240	0.005	0.014	0.014	UJ	T06
MDSS0109	F5D060388	Thorium-228	0.74	0.18	0.04	=	
MDSS0109	F5D060388	Thorium-230	0.8	0.19	0.03	=	
MDSS0109	F5D060388	Thorium-232	0.76	0.18	0.04	=	
MDSS0110	F5D060388	Plutonium-238	1.39	0.25	0.05	=	
MDSS0110	F5D060388	Plutonium-239/240	0.011	0.019	0.027	UJ	T06
MDSS0110	F5D060388	Thorium-228	1.04	0.24	0.05	=	
MDSS0110	F5D060388	Thorium-230	0.87	0.21	0.04	=	
MDSS0110	F5D060388	Thorium-232	1	0.23	0.02	=	
MDSS0111	F5D060377	Plutonium-238	24.9	2.6	0.03	J	J01
MDSS0111	F5D060377	Plutonium-239/240	0.432	0.099	0.012	=	
MDSS0111	F5D060377	Thorium-228	1.39	0.26	0.03	=	
MDSS0111	F5D060377	Thorium-230	1.06	0.21	0.03	=	
MDSS0111	F5D060377	Thorium-232	0.93	0.2	0.02	=	
MDSS0112	F5D060388	Plutonium-238	0.45	0.11	0.04	=	
MDSS0112	F5D060388	Plutonium-239/240	0.021	0.023	0.023	UJ	T06
MDSS0112	F5D060388	Thorium-228	1.01	0.23	0.05	=	
MDSS0112	F5D060388	Thorium-230	1.07	0.24	0.04	=	
MDSS0112	F5D060388	Thorium-232	0.7	0.18	0.02	=	
MDSS0113	F5D060388	Plutonium-238	1.4	0.23	0.04	=	
MDSS0113	F5D060388	Plutonium-239/240	0.027	0.026	0.014	J	T04
MDSS0113	F5D060388	Thorium-228	0.77	0.19	0.04	=	
MDSS0113	F5D060388	Thorium-230	0.97	0.22	0.04	=	
MDSS0113	F5D060388	Thorium-232	0.68	0.17	0.02	=	
MDSS0114	F5D060310	Plutonium-238	54.2	5.9	0.04	=	
MDSS0114	F5D060310	Plutonium-239/240	0.61	0.13	0.01	=	
MDSS0114	F5D060310	Thorium-228	3.12	0.46	0.03	=	
MDSS0114	F5D060310	Thorium-230	6.27	0.83	0.03	=	
MDSS0114	F5D060310	Thorium-232	1.66	0.28	0.02	=	
MDSS0115	F5D060377	Plutonium-238	46.7	4.9	0.03	J	J01
MDSS0115	F5D060377	Plutonium-239/240	0.384	0.094	0.023	=	
MDSS0115	F5D060377	Thorium-228	1.77	0.31	0.05	=	
MDSS0115	F5D060377	Thorium-230	1.15	0.23	0.03	=	
MDSS0115	F5D060377	Thorium-232	1.08	0.22	0.02	=	
MDSS0116	F5D060388	Plutonium-238	1.99	0.31	0.04	=	
MDSS0116	F5D060388	Plutonium-239/240	0.028	0.026	0.024	J	T04
MDSS0116	F5D060388	Thorium-228	0.66	0.16	0.04	=	
MDSS0116	F5D060388	Thorium-230	1.01	0.21	0.03	=	
MDSS0116	F5D060388	Thorium-232	0.66	0.16	0.03	=	
MDSS0117	F5D060377	Plutonium-238	39.3	4.3	0.04	J	J01
MDSS0117	F5D060377	Plutonium-239/240	0.72	0.15	0.02	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0117	F5D060377	Thorium-228	0.87	0.18	0.02	=	
MDSS0117	F5D060377	Thorium-230	0.73	0.16	0.02	=	
MDSS0117	F5D060377	Thorium-232	0.75	0.16	0.02	=	
MDSS0118	F5D060388	Plutonium-238	45	4.9	0.04	=	
MDSS0118	F5D060388	Plutonium-239/240	0.188	0.066	0.025	=	
MDSS0118	F5D060388	Thorium-228	1.12	0.22	0.03	=	
MDSS0118	F5D060388	Thorium-230	0.83	0.18	0.02	=	
MDSS0118	F5D060388	Thorium-232	0.61	0.14	0.02	=	
MDSS0119	F5D060367	Plutonium-238	0.207	0.072	0.041	=	
MDSS0119	F5D060367	Plutonium-239/240	0.001	0.014	0.03	UJ	T06
MDSS0119	F5D060367	Thorium-228	0.45	0.13	0.03	J	J01
MDSS0119	F5D060367	Thorium-230	0.89	0.21	0.02	=	
MDSS0119	F5D060367	Thorium-232	0.38	0.12	0.02	J	J01
MDSS0120	F5D060377	Plutonium-238	0.112	0.053	0.038	J	J01
MDSS0120	F5D060377	Plutonium-239/240	0.016	0.022	0.029	UJ	T06
MDSS0120	F5D060377	Thorium-228	0.63	0.17	0.06	=	
MDSS0120	F5D060377	Thorium-230	1.06	0.24	0.02	=	
MDSS0120	F5D060377	Thorium-232	0.51	0.15	0.02	=	
MDSS0121	F5D060367	Plutonium-238	0.161	0.064	0.039	=	
MDSS0121	F5D060367	Plutonium-239/240	0.009	0.016	0.026	UJ	T06
MDSS0121	F5D060367	Thorium-228	0.76	0.17	0.03	J	J01
MDSS0121	F5D060367	Thorium-230	1.36	0.25	0.02	=	
MDSS0121	F5D060367	Thorium-232	0.72	0.16	0.03	J	J01
MDSS0122	F5D060367	Plutonium-238	0.134	0.058	0.039	=	
MDSS0122	F5D060367	Plutonium-239/240	0.012	0.02	0.03	UJ	T06
MDSS0122	F5D060367	Thorium-228	0.56	0.14	0.03	J	J01
MDSS0122	F5D060367	Thorium-230	1.26	0.24	0.03	=	
MDSS0122	F5D060367	Thorium-232	0.55	0.14	0.02	J	J01
MDSS0123	F5D060351	Plutonium-238	18.4	2.1	0.04	=	
MDSS0123	F5D060351	Plutonium-239/240	0.086	0.045	0.023	J	T04
MDSS0123	F5D060351	Thorium-228	0.8	0.16	0.03	=	
MDSS0123	F5D060351	Thorium-230	1.12	0.21	0.03	=	
MDSS0123	F5D060351	Thorium-232	0.89	0.18	0.02	J	J01
MDSS0124	F5D060351	Plutonium-238	0.95	0.18	0.04	=	
MDSS0124	F5D060351	Plutonium-239/240	0.016	0.021	0.014	J	T04
MDSS0124	F5D060351	Thorium-228	1.13	0.23	0.04	=	
MDSS0124	F5D060351	Thorium-230	1.48	0.28	0.03	=	
MDSS0124	F5D060351	Thorium-232	0.98	0.21	0.02	J	J01
MDSS0125	F5D060351	Plutonium-238	0.33	0.1	0.05	=	
MDSS0125	F5D060351	Plutonium-239/240	0.011	0.019	0.027	UJ	T06
MDSS0125	F5D060351	Thorium-228	0.83	0.16	0.03	=	
MDSS0125	F5D060351	Thorium-230	1.19	0.21	0.03	=	
MDSS0125	F5D060351	Thorium-232	0.81	0.16	0.03	J	J01
MDSS0126	F5D060351	Plutonium-238	0.33	0.1	0.05	=	
MDSS0126	F5D060351	Plutonium-239/240	0.023	0.027	0.031	UJ	T06
MDSS0126	F5D060351	Thorium-228	0.6	0.14	0.03	=	
MDSS0126	F5D060351	Thorium-230	0.65	0.15	0.02	=	
MDSS0126	F5D060351	Thorium-232	0.37	0.11	0.02	J	J01
MDSS0127	F5D060367	Plutonium-238	0.364	0.096	0.036	=	
MDSS0127	F5D060367	Plutonium-239/240	0.005	0.014	0.014	UJ	T06
MDSS0127	F5D060367	Thorium-228	1.06	0.21	0.05	J	J01
MDSS0127	F5D060367	Thorium-230	1.62	0.29	0.03	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0127	F5D060367	Thorium-232	0.91	0.19	0.02	J	J01
MDSS0128	F5D060367	Plutonium-238	2.27	0.35	0.04	=	
MDSS0128	F5D060367	Plutonium-239/240	0.023	0.024	0.025	UJ	T06
MDSS0128	F5D060367	Thorium-228	0.46	0.14	0.06	J	J01
MDSS0128	F5D060367	Thorium-230	0.74	0.18	0.04	=	
MDSS0128	F5D060367	Thorium-232	0.33	0.11	0.02	J	J01
MDSS0129	F5D060377	Plutonium-238	7.85	0.92	0.03	J	J01
MDSS0129	F5D060377	Plutonium-239/240	0.086	0.043	0.022	J	T04
MDSS0129	F5D060377	Thorium-228	0.48	0.12	0.03	=	
MDSS0129	F5D060377	Thorium-230	0.56	0.13	0.02	=	
MDSS0129	F5D060377	Thorium-232	0.341	0.098	0.016	=	
MDSS0130	F5D060377	Plutonium-238	274	36	5	J	J01
MDSS0130	F5D060377	Plutonium-239/240	4.4	3.6	4	J	T04
MDSS0130	F5D060377	Thorium-228	3.14	0.5	0.03	=	
MDSS0130	F5D060377	Thorium-230	3.32	0.53	0.03	=	
MDSS0130	F5D060377	Thorium-232	1.32	0.26	0.03	=	
MDSS0131	F5D060367	Plutonium-238	3.54	0.48	0.04	=	
MDSS0131	F5D060367	Plutonium-239/240	0.065	0.039	0.024	J	T04
MDSS0131	F5D060367	Thorium-228	0.95	0.22	0.06	J	J01
MDSS0131	F5D060367	Thorium-230	1.18	0.25	0.02	=	
MDSS0131	F5D060367	Thorium-232	0.74	0.18	0.04	J	J01
MDSS0132	F5D060377	Plutonium-238	13.5	1.5	0.03	J	J01
MDSS0132	F5D060377	Plutonium-239/240	0.171	0.063	0.028	=	
MDSS0132	F5D060377	Thorium-228	0.78	0.18	0.04	=	
MDSS0132	F5D060377	Thorium-230	0.66	0.16	0.03	=	
MDSS0132	F5D060377	Thorium-232	0.54	0.14	0.02	=	
MDSS0133	F5D060367	Plutonium-238	17.5	1.8	0.03	=	
MDSS0133	F5D060367	Plutonium-239/240	0.222	0.068	0.02	=	
MDSS0133	F5D060367	Thorium-228	0.89	0.2	0.05	J	J01
MDSS0133	F5D060367	Thorium-230	1.03	0.22	0.04	=	
MDSS0133	F5D060367	Thorium-232	0.78	0.18	0.03	J	J01
MDSS0134	F5D060409	Plutonium-238	358	46	3	=	
MDSS0134	F5D060409	Plutonium-239/240	6.5	3.8	2.8	J	J01 ,T04
MDSS0134	F5D060409	Thorium-228	5.25	0.87	0.05	=	
MDSS0134	F5D060409	Thorium-230	0.94	0.23	0.04	J	J01
MDSS0134	F5D060409	Thorium-232	0.61	0.17	0.04	J	J01
MDSS0135	F5D060367	Plutonium-238	0.9	0.17	0.04	=	
MDSS0135	F5D060367	Plutonium-239/240	0.03	0.028	0.029	J	T04
MDSS0135	F5D060367	Thorium-228	0.94	0.19	0.04	J	J01
MDSS0135	F5D060367	Thorium-230	1.38	0.25	0.02	=	
MDSS0135	F5D060367	Thorium-232	0.99	0.2	0.03	J	J01
MDSS0136	F5D060388	Plutonium-238	2.34	0.33	0.04	=	
MDSS0136	F5D060388	Plutonium-239/240	0.032	0.028	0.029	J	T04
MDSS0136	F5D060388	Thorium-228	0.42	0.12	0.03	=	
MDSS0136	F5D060388	Thorium-230	0.65	0.15	0.03	=	
MDSS0136	F5D060388	Thorium-232	0.38	0.11	0.02	=	
MDSS0137	F5D060367	Plutonium-238	0.63	0.13	0.03	=	
MDSS0137	F5D060367	Plutonium-239/240	0.004	0.01	0.02	UJ	T06
MDSS0137	F5D060367	Thorium-228	0.86	0.29	0.16	J	J01
MDSS0137	F5D060367	Thorium-230	1.18	0.34	0.05	=	
MDSS0137	F5D060367	Thorium-232	0.64	0.24	0.12	J	J01
MDSS0138	F5D060341	Plutonium-238	26	3	0.05	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0138	F5D060341	Plutonium-239/240	0.121	0.056	0.029	=	
MDSS0138	F5D060341	Thorium-228	1.06	0.26	0.07	=	
MDSS0138	F5D060341	Thorium-230	0.86	0.22	0.05	=	
MDSS0138	F5D060341	Thorium-232	0.76	0.21	0.05	=	
MDSS0140	F5D060341	Plutonium-238	1.56	0.25	0.04	=	
MDSS0140	F5D060341	Plutonium-239/240	0.003	0.013	0.027	UJ	T06
MDSS0140	F5D060341	Thorium-228	0.82	0.19	0.05	=	
MDSS0140	F5D060341	Thorium-230	1.05	0.23	0.02	=	
MDSS0140	F5D060341	Thorium-232	0.95	0.21	0.04	=	
MDSS0141	F5D060367	Plutonium-238	28.6	3.2	0.04	=	
MDSS0141	F5D060367	Plutonium-239/240	0.307	0.089	0.031	=	
MDSS0141	F5D060367	Thorium-228	1.11	0.26	0.08	J	J01
MDSS0141	F5D060367	Thorium-230	0.95	0.23	0.02	=	
MDSS0141	F5D060367	Thorium-232	0.78	0.21	0.04	J	J01
MDSS0142	F5D060351	Plutonium-238	0.8	0.17	0.06	=	
MDSS0142	F5D060351	Plutonium-239/240	0.001	0.029	0.052	UJ	T06
MDSS0142	F5D060351	Thorium-228	0.88	0.21	0.05	=	
MDSS0142	F5D060351	Thorium-230	0.88	0.21	0.03	=	
MDSS0142	F5D060351	Thorium-232	0.61	0.16	0.02	J	J01
MDSS0143	F5D060341	Plutonium-238	2.88	0.4	0.04	=	
MDSS0143	F5D060341	Plutonium-239/240	0.021	0.022	0.023	UJ	T06
MDSS0143	F5D060341	Thorium-228	0.43	0.13	0.04	J	F01
MDSS0143	F5D060341	Thorium-230	0.52	0.14	0.04	=	
MDSS0143	F5D060341	Thorium-232	0.31	0.1	0.03	=	
MDSS0144	F5D060367	Plutonium-238	13.2	1.5	0.04	=	
MDSS0144	F5D060367	Plutonium-239/240	0.158	0.06	0.029	=	
MDSS0144	F5D060367	Thorium-228	0.65	0.17	0.05	J	J01
MDSS0144	F5D060367	Thorium-230	0.86	0.21	0.04	=	
MDSS0144	F5D060367	Thorium-232	0.65	0.17	0.03	J	J01
MDSS0145	F5D060341	Plutonium-238	1.63	0.27	0.05	=	
MDSS0145	F5D060341	Plutonium-239/240	0	0	0.03	U	
MDSS0145	F5D060341	Thorium-228	0.59	0.17	0.07	=	
MDSS0145	F5D060341	Thorium-230	0.76	0.19	0.04	=	
MDSS0145	F5D060341	Thorium-232	0.6	0.17	0.04	=	
MDSS0146	F5D060341	Plutonium-238	2.2	0.34	0.04	=	
MDSS0146	F5D060341	Plutonium-239/240	0	0	0.02	U	
MDSS0146	F5D060341	Thorium-228	0.56	0.16	0.07	=	
MDSS0146	F5D060341	Thorium-230	1.02	0.24	0.04	=	
MDSS0146	F5D060341	Thorium-232	0.59	0.16	0.04	=	
MDSS0147	F5D060341	Plutonium-238	6.6	1.1	0.07	=	
MDSS0147	F5D060341	Plutonium-239/240	0.072	0.06	0.028	J	T04
MDSS0147	F5D060341	Thorium-228	0.69	0.18	0.07	=	
MDSS0147	F5D060341	Thorium-230	0.82	0.2	0.02	=	
MDSS0147	F5D060341	Thorium-232	0.5	0.14	0.03	=	
MDSS0148	F5D060341	Plutonium-238	0.322	0.093	0.039	=	
MDSS0148	F5D060341	Plutonium-239/240	0.004	0.012	0.024	UJ	T06
MDSS0148	F5D060341	Thorium-228	0.6	0.16	0.06	=	
MDSS0148	F5D060341	Thorium-230	1.01	0.22	0.04	=	
MDSS0148	F5D060341	Thorium-232	0.65	0.16	0.02	=	
MDSS0149	F5D060341	Plutonium-238	92.8	9.4	0.03	=	
MDSS0149	F5D060341	Plutonium-239/240	0.47	0.1	0.02	=	
MDSS0149	F5D060341	Thorium-228	2.26	0.39	0.05	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0149	F5D060341	Thorium-230	1.76	0.32	0.02	=	
MDSS0149	F5D060341	Thorium-232	0.95	0.21	0.02	=	
MDSS0150	F5D060341	Plutonium-238	0.64	0.13	0.04	=	
MDSS0150	F5D060341	Plutonium-239/240	0.009	0.015	0.022	UJ	T06
MDSS0150	F5D060341	Thorium-228	0.85	0.23	0.07	=	
MDSS0150	F5D060341	Thorium-230	0.92	0.24	0.04	=	
MDSS0150	F5D060341	Thorium-232	0.79	0.22	0.03	=	
MDSS0151	F5D060351	Plutonium-238	2.66	0.38	0.06	=	
MDSS0151	F5D060351	Plutonium-239/240	0.008	0.028	0.047	UJ	T06
MDSS0151	F5D060351	Thorium-228	0.83	0.19	0.03	=	
MDSS0151	F5D060351	Thorium-230	1.04	0.22	0.04	=	
MDSS0151	F5D060351	Thorium-232	0.83	0.19	0.04	J	J01
MDSS0152	F5D060341	Plutonium-238	0.41	0.11	0.06	=	
MDSS0152	F5D060341	Plutonium-239/240	0.007	0.028	0.046	UJ	T06
MDSS0152	F5D060341	Thorium-228	0.62	0.18	0.05	=	
MDSS0152	F5D060341	Thorium-230	0.72	0.2	0.05	=	
MDSS0152	F5D060341	Thorium-232	0.58	0.17	0.02	=	
MDSS0153	F5D060323	Plutonium-238	0.091	0.049	0.039	J	J01
MDSS0153	F5D060323	Plutonium-239/240	0.004	0.012	0.023	UJ	T06
MDSS0153	F5D060323	Thorium-228	0.57	0.15	0.03	=	
MDSS0153	F5D060323	Thorium-230	0.77	0.18	0.03	=	
MDSS0153	F5D060323	Thorium-232	0.54	0.14	0.02	J	J01
MDSS0154	F5D060388	Plutonium-238	0.278	0.088	0.045	=	
MDSS0154	F5D060388	Plutonium-239/240	0.007	0.019	0.033	UJ	T06
MDSS0154	F5D060388	Thorium-228	0.53	0.14	0.03	=	
MDSS0154	F5D060388	Thorium-230	0.86	0.19	0.03	=	
MDSS0154	F5D060388	Thorium-232	0.5	0.13	0.03	=	
MDSS0155	F5D060323	Plutonium-238	1.46	0.24	0.03	J	J01
MDSS0155	F5D060323	Plutonium-239/240	0.011	0.019	0.015	UJ	T06
MDSS0155	F5D060323	Thorium-228	0.288	0.094	0.039	=	
MDSS0155	F5D060323	Thorium-230	0.58	0.14	0.03	=	
MDSS0155	F5D060323	Thorium-232	0.286	0.092	0.027	J	J01
MDSS0156	F5D060351	Plutonium-238	4.83	0.66	0.05	=	
MDSS0156	F5D060351	Plutonium-239/240	0.024	0.026	0.027	UJ	T06
MDSS0156	F5D060351	Thorium-228	0.78	0.17	0.05	=	
MDSS0156	F5D060351	Thorium-230	1.18	0.22	0.03	=	
MDSS0156	F5D060351	Thorium-232	0.59	0.14	0.02	J	J01
MDSS0157	F5D060341	Plutonium-238	16.9	2	0.09	=	
MDSS0157	F5D060341	Plutonium-239/240	0.015	0.046	0.068	UJ	T06
MDSS0157	F5D060341	Thorium-228	0.58	0.16	0.05	=	
MDSS0157	F5D060341	Thorium-230	0.91	0.21	0.03	=	
MDSS0157	F5D060341	Thorium-232	0.49	0.14	0.02	=	
MDSS0158	F5D060351	Plutonium-238	0.35	0.099	0.025	=	
MDSS0158	F5D060351	Plutonium-239/240	0.021	0.025	0.029	UJ	T06
MDSS0158	F5D060351	Thorium-228	0.74	0.15	0.03	=	
MDSS0158	F5D060351	Thorium-230	1.27	0.22	0.02	=	
MDSS0158	F5D060351	Thorium-232	0.91	0.18	0.01	J	J01
MDSS0159	F5D250160	Plutonium-238	42.2	3	0.02	=	
MDSS0159	F5D250160	Plutonium-239/240	0.143	0.037	0.006	=	
MDSS0159	F5D250160	Thorium-228	0.92	0.18	0.06	=	
MDSS0159	F5D250160	Thorium-230	1.16	0.21	0.03	=	
MDSS0159	F5D250160	Thorium-232	0.8	0.16	0.01	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0160	F5D250160	Plutonium-238	0.535	0.085	0.045	=	
MDSS0160	F5D250160	Plutonium-239/240	0.006	0.018	0.03	UJ	T06
MDSS0160	F5D250160	Thorium-228	0.59	0.12	0.04	=	
MDSS0160	F5D250160	Thorium-230	1.03	0.17	0.04	=	
MDSS0160	F5D250160	Thorium-232	0.64	0.12	0.01	=	
MDSS0161	F5D060341	Plutonium-238	1.77	0.27	0.04	=	
MDSS0161	F5D060341	Plutonium-239/240	0.044	0.032	0.025	J	T04
MDSS0161	F5D060341	Thorium-228	0.36	0.12	0.06	J	F01
MDSS0161	F5D060341	Thorium-230	0.66	0.17	0.06	=	
MDSS0161	F5D060341	Thorium-232	0.35	0.11	0.05	=	
MDSS0162	F5D060351	Plutonium-238	1.95	0.29	0.03	=	
MDSS0162	F5D060351	Plutonium-239/240	0.006	0.018	0.033	UJ	T06
MDSS0162	F5D060351	Thorium-228	0.53	0.15	0.03	=	
MDSS0162	F5D060351	Thorium-230	0.51	0.14	0.02	=	
MDSS0162	F5D060351	Thorium-232	0.35	0.12	0.02	J	J01
MDSS0163	F5D060351	Plutonium-238	0.044	0.034	0.033	J	T04
MDSS0163	F5D060351	Plutonium-239/240	0	0	0.02	U	
MDSS0163	F5D060351	Thorium-228	0.58	0.16	0.04	=	
MDSS0163	F5D060351	Thorium-230	1.08	0.24	0.03	=	
MDSS0163	F5D060351	Thorium-232	0.51	0.15	0.02	J	J01
MDSS0164	F5D060341	Plutonium-238	0.146	0.069	0.053	=	
MDSS0164	F5D060341	Plutonium-239/240	0.002	0.017	0.036	UJ	T06
MDSS0164	F5D060341	Thorium-228	0.24	0.32	0.41	R	F01, G02, T06
MDSS0164	F5D060341	Thorium-230	0.38	0.23	0.18	R	F01, G02, T04
MDSS0164	F5D060341	Thorium-232	0.19	0.18	0.21	R	G02, T05
MDSS0164DL	F5D060341	Thorium-228	0.25	0.2	0.23	J	F01, T04
MDSS0164DL	F5D060341	Thorium-230	0.46	0.2	0.1	J	F01
MDSS0164DL	F5D060341	Thorium-232	0.21	0.14	0.05	J	T04
MDSS0165	F5D060351	Plutonium-238	0.65	0.15	0.04	=	
MDSS0165	F5D060351	Plutonium-239/240	0	0	0.03	U	
MDSS0165	F5D060351	Thorium-228	0.27	0.1	0.03	=	
MDSS0165	F5D060351	Thorium-230	0.43	0.13	0.04	=	
MDSS0165	F5D060351	Thorium-232	0.271	0.0995	0.033	J	J01
MDSS0166	F5D060341	Plutonium-238	1.69	0.33	0.1	=	
MDSS0166	F5D060341	Plutonium-239/240	0	0	0.06	U	
MDSS0166	F5D060341	Thorium-228	0.39	0.14	0.08	J	F01
MDSS0166	F5D060341	Thorium-230	0.6	0.18	0.05	=	
MDSS0166	F5D060341	Thorium-232	0.37	0.14	0.04	=	
MDSS0167	F5D060341	Plutonium-238	0.47	0.13	0.04	=	
MDSS0167	F5D060341	Plutonium-239/240	0.008	0.022	0.039	UJ	T06
MDSS0167	F5D060341	Thorium-228	0.222	0.09	0.034	J	F01
MDSS0167	F5D060341	Thorium-230	0.47	0.14	0.04	=	
MDSS0167	F5D060341	Thorium-232	0.221	0.09	0.034	=	
MDSS0168	F5D060341	Plutonium-238	0.84	0.16	0.04	=	
MDSS0168	F5D060341	Plutonium-239/240	0	0	0.03	U	
MDSS0168	F5D060341	Thorium-228	0.5	0.16	0.08	J	F01
MDSS0168	F5D060341	Thorium-230	0.83	0.21	0.06	=	
MDSS0168	F5D060341	Thorium-232	0.46	0.14	0.05	=	
MDSS0169	F5D060341	Plutonium-238	0.8	0.16	0.04	=	
MDSS0169	F5D060341	Plutonium-239/240	0.001	0.014	0.03	UJ	T06
MDSS0169	F5D060341	Thorium-228	0.58	0.16	0.05	=	
MDSS0169	F5D060341	Thorium-230	0.85	0.2	0.03	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0169	F5D060341	Thorium-232	0.52	0.15	0.03	=	
MDSS0170	F5D060341	Plutonium-238	4.61	0.56	0.05	=	
MDSS0170	F5D060341	Plutonium-239/240	0.027	0.031	0.04	UJ	T06
MDSS0170	F5D060341	Thorium-228	0.5	0.15	0.04	J	F01
MDSS0170	F5D060341	Thorium-230	0.75	0.19	0.02	=	
MDSS0170	F5D060341	Thorium-232	0.42	0.13	0.04	=	
MDSS0171	F5D060351	Plutonium-238	98	11	0.09	=	
MDSS0171	F5D060351	Plutonium-239/240	0.299	0.095	0.065	=	
MDSS0171	F5D060351	Thorium-228	1.52	0.28	0.04	=	
MDSS0171	F5D060351	Thorium-230	1.6	0.29	0.03	=	
MDSS0171	F5D060351	Thorium-232	1.39	0.26	0.04	J	J01
MDSS0172	F5D060351	Plutonium-238	11.9	1.5	0.06	=	
MDSS0172	F5D060351	Plutonium-239/240	0.025	0.028	0.033	UJ	T06
MDSS0172	F5D060351	Thorium-228	1.02	0.21	0.04	=	
MDSS0172	F5D060351	Thorium-230	1.11	0.23	0.03	=	
MDSS0172	F5D060351	Thorium-232	0.95	0.2	0.03	J	J01
MDSS0173	F5D060351	Plutonium-238	32.6	3.5	0.03	=	
MDSS0173	F5D060351	Plutonium-239/240	0.286	0.082	0.029	=	
MDSS0173	F5D060351	Thorium-228	1.25	0.25	0.04	=	
MDSS0173	F5D060351	Thorium-230	1.12	0.23	0.03	=	
MDSS0173	F5D060351	Thorium-232	0.93	0.2	0.02	J	J01
MDSS0174	F5D060341	Plutonium-238	28.2	3.1	0.05	=	
MDSS0174	F5D060341	Plutonium-239/240	0.137	0.056	0.028	=	
MDSS0174	F5D060341	Thorium-228	1.19	0.28	0.07	=	
MDSS0174	F5D060341	Thorium-230	0.99	0.25	0.05	=	
MDSS0174	F5D060341	Thorium-232	0.55	0.17	0.04	=	
MDSS0175	F5D060341	Plutonium-238	14.5	1.6	0.04	=	
MDSS0175	F5D060341	Plutonium-239/240	0.046	0.032	0.022	J	T04
MDSS0175	F5D060341	Thorium-228	0.65	0.15	0.04	=	
MDSS0175	F5D060341	Thorium-230	0.59	0.15	0.03	=	
MDSS0175	F5D060341	Thorium-232	0.5	0.13	0.03	=	
MDSS0176	F5D130257	Plutonium-238	0.39	0.11	0.04	=	
MDSS0176	F5D130257	Plutonium-239/240	0	0	0.02	U	
MDSS0176	F5D130257	Thorium-228	0.172	0.088	0.081	J	T04
MDSS0176	F5D130257	Thorium-230	0.3	0.1	0.04	=	
MDSS0176	F5D130257	Thorium-232	0.159	0.072	0.038	=	
MDSS0177	F5D060323	Plutonium-238	2.68	0.38	0.04	J	J01
MDSS0177	F5D060323	Plutonium-239/240	0.018	0.024	0.032	UJ	T06
MDSS0177	F5D060323	Thorium-228	0.41	0.14	0.08	=	
MDSS0177	F5D060323	Thorium-230	0.48	0.15	0.05	=	
MDSS0177	F5D060323	Thorium-232	0.29	0.11	0.04	J	J01
MDSS0180	F5D060388	Plutonium-238	8.7	0.99	0.04	=	
MDSS0180	F5D060388	Plutonium-239/240	0.028	0.025	0.021	J	T04
MDSS0180	F5D060388	Thorium-228	0.81	0.19	0.03	=	
MDSS0180	F5D060388	Thorium-230	0.88	0.2	0.02	=	
MDSS0180	F5D060388	Thorium-232	0.59	0.15	0.02	=	
MDSS0181	F5D060389	Plutonium-238	42.5	1.4	0.04	=	
MDSS0181	F5D060389	Plutonium-239/240	0.239	0.077	0.014	=	
MDSS0181	F5D060389	Thorium-228	0.35	0.12	0.05	=	
MDSS0181	F5D060389	Thorium-230	0.52	0.15	0.03	=	
MDSS0181	F5D060389	Thorium-232	0.227	0.092	0.021	=	
MDSS0182	F5D060389	Plutonium-238	12.3	1.4	0.04	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0182	F5D060389	Plutonium-239/240	0.162	0.062	0.023	=	
MDSS0182	F5D060389	Thorium-228	0.286	0.09	0.034	=	
MDSS0182	F5D060389	Thorium-230	0.53	0.13	0.03	=	
MDSS0182	F5D060389	Thorium-232	0.272	0.087	0.016	=	
MDSS0183	F5D060395	Plutonium-238	14.8	1.6	0.05	=	
MDSS0183	F5D060395	Plutonium-239/240	0.194	0.067	0.039	=	
MDSS0183	F5D060395	Thorium-228	0.61	0.19	0.06	J	J01
MDSS0183	F5D060395	Thorium-230	1.02	0.26	0.04	=	
MDSS0183	F5D060395	Thorium-232	0.43	0.15	0.03	J	J01
MDSS0184	F5D060395	Plutonium-238	13.9	1.7	0.07	=	
MDSS0184	F5D060395	Plutonium-239/240	0.061	0.047	0.05	J	T04
MDSS0184	F5D060395	Thorium-228	0.85	0.27	0.06	J	J01
MDSS0184	F5D060395	Thorium-230	0.64	0.23	0.04	=	
MDSS0184	F5D060395	Thorium-232	0.49	0.19	0.04	J	J01
MDSS0185	F5D060389	Plutonium-238	1.03	0.18	0.03	=	
MDSS0185	F5D060389	Plutonium-239/240	0.019	0.02	0.021	UJ	T06
MDSS0185	F5D060389	Thorium-228	0.58	0.13	0.03	=	
MDSS0185	F5D060389	Thorium-230	0.99	0.18	0.01	=	
MDSS0185	F5D060389	Thorium-232	0.62	0.13	0.01	=	
MDSS0186	F5D060389	Plutonium-238	6.69	0.83	0.05	=	
MDSS0186	F5D060389	Plutonium-239/240	0.101	0.051	0.032	J	T04
MDSS0186	F5D060389	Thorium-228	0.76	0.19	0.05	=	
MDSS0186	F5D060389	Thorium-230	1.05	0.24	0.03	=	
MDSS0186	F5D060389	Thorium-232	0.54	0.15	0.03	=	
MDSS0187	F5D060389	Plutonium-238	0.93	0.17	0.04	=	
MDSS0187	F5D060389	Plutonium-239/240	0.028	0.025	0.024	J	T04
MDSS0187	F5D060389	Thorium-228	0.74	0.16	0.04	=	
MDSS0187	F5D060389	Thorium-230	0.87	0.18	0.03	=	
MDSS0187	F5D060389	Thorium-232	0.64	0.15	0.03	=	
MDSS0188	F5D060389	Plutonium-238	32.2	3.6	0.04	=	
MDSS0188	F5D060389	Plutonium-239/240	0.44	0.11	0.03	=	
MDSS0188	F5D060389	Thorium-228	0.57	0.14	0.05	=	
MDSS0188	F5D060389	Thorium-230	0.5	0.13	0.02	=	
MDSS0188	F5D060389	Thorium-232	0.274	0.089	0.026	=	
MDSS0189	F5D060389	Plutonium-238	58.4	5.9	0.05	=	
MDSS0189	F5D060389	Plutonium-239/240	0.53	0.11	0.04	=	
MDSS0189	F5D060389	Thorium-228	1.02	0.2	0.05	=	
MDSS0189	F5D060389	Thorium-230	1.32	0.24	0.02	=	
MDSS0189	F5D060389	Thorium-232	1.04	0.2	0.03	=	
MDSS0190	F5D060395	Plutonium-238	1.22	0.2	0.04	=	
MDSS0190	F5D060395	Plutonium-239/240	0.019	0.02	0.021	UJ	T06
MDSS0190	F5D060395	Thorium-228	0.74	0.17	0.05	J	J01
MDSS0190	F5D060395	Thorium-230	0.98	0.21	0.03	=	
MDSS0190	F5D060395	Thorium-232	0.63	0.15	0.02	J	J01
MDSS0191	F5D060388	Plutonium-238	6.2	0.78	0.04	=	
MDSS0191	F5D060388	Plutonium-239/240	0.027	0.026	0.024	J	T04
MDSS0191	F5D060388	Thorium-228	0.78	0.17	0.03	=	
MDSS0191	F5D060388	Thorium-230	0.85	0.18	0.03	=	
MDSS0191	F5D060388	Thorium-232	0.64	0.15	0.03	=	
MDSS0192	F5D060388	Plutonium-238	1.36	0.23	0.05	=	
MDSS0192	F5D060388	Plutonium-239/240	0.009	0.017	0.028	UJ	T06
MDSS0192	F5D060388	Thorium-228	0.67	0.16	0.04	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0192	F5D060388	Thorium-230	1.22	0.24	0.03	=	
MDSS0192	F5D060388	Thorium-232	0.75	0.17	0.03	=	
MDSS0193	F5D060389	Plutonium-238	15.8	1.7	0.04	=	
MDSS0193	F5D060389	Plutonium-239/240	0.12	0.049	0.012	=	
MDSS0193	F5D060389	Thorium-228	0.51	0.13	0.03	=	
MDSS0193	F5D060389	Thorium-230	0.77	0.17	0.03	=	
MDSS0193	F5D060389	Thorium-232	0.39	0.11	0.03	=	
MDSS0194	F5D060389	Plutonium-238	14.4	1.7	0.04	=	
MDSS0194	F5D060389	Plutonium-239/240	0.199	0.071	0.032	=	
MDSS0194	F5D060389	Thorium-228	0.8	0.18	0.04	=	
MDSS0194	F5D060389	Thorium-230	0.8	0.17	0.02	=	
MDSS0194	F5D060389	Thorium-232	0.72	0.16	0.03	=	
MDSS0195	F5D060389	Plutonium-238	0.97	0.19	0.05	=	
MDSS0195	F5D060389	Plutonium-239/240	0.031	0.029	0.031	J	T04
MDSS0195	F5D060389	Thorium-228	0.76	0.16	0.03	=	
MDSS0195	F5D060389	Thorium-230	1.21	0.22	0.02	=	
MDSS0195	F5D060389	Thorium-232	0.79	0.16	0.02	=	
MDSS0196	F5D060388	Plutonium-238	10.2	1.2	0.05	=	
MDSS0196	F5D060388	Plutonium-239/240	0.06	0.038	0.028	J	T04
MDSS0196	F5D060388	Thorium-228	0.71	0.16	0.05	=	
MDSS0196	F5D060388	Thorium-230	0.79	0.17	0.02	=	
MDSS0196	F5D060388	Thorium-232	0.86	0.18	0.04	=	
MDSS0197	F5D130257	Plutonium-238	11.8	1.4	0.04	=	
MDSS0197	F5D130257	Plutonium-239/240	0.065	0.04	0.027	J	T04
MDSS0197	F5D130257	Thorium-228	0.83	0.17	0.04	=	
MDSS0197	F5D130257	Thorium-230	1.07	0.2	0.02	=	
MDSS0197	F5D130257	Thorium-232	0.86	0.17	0.03	=	
MDSS0198	F5D060389	Plutonium-238	3.98	0.66	0.07	=	
MDSS0198	F5D060389	Plutonium-239/240	0.1	0.062	0.042	J	T04
MDSS0198	F5D060389	Thorium-228	0.68	0.15	0.02	=	
MDSS0198	F5D060389	Thorium-230	1.14	0.21	0.03	=	
MDSS0198	F5D060389	Thorium-232	0.77	0.16	0.02	=	
MDSS0199	F5D060388	Plutonium-238	12.6	1.4	0.04	=	
MDSS0199	F5D060388	Plutonium-239/240	0.038	0.029	0.024	J	T04
MDSS0199	F5D060388	Thorium-228	0.96	0.19	0.04	=	
MDSS0199	F5D060388	Thorium-230	1.17	0.22	0.03	=	
MDSS0199	F5D060388	Thorium-232	0.81	0.17	0.02	=	
MDSS0200	F5D060388	Plutonium-238	10.3	1.3	0.04	=	
MDSS0200	F5D060388	Plutonium-239/240	0.083	0.046	0.026	J	T04
MDSS0200	F5D060388	Thorium-228	0.63	0.15	0.04	=	
MDSS0200	F5D060388	Thorium-230	0.98	0.2	0.03	=	
MDSS0200	F5D060388	Thorium-232	0.7	0.16	0.02	=	
MDSS0201	F5D060388	Plutonium-238	16.9	1.9	0.04	=	
MDSS0201	F5D060388	Plutonium-239/240	0.056	0.035	0.014	J	T04
MDSS0201	F5D060388	Thorium-228	0.69	0.16	0.03	=	
MDSS0201	F5D060388	Thorium-230	0.9	0.19	0.03	=	
MDSS0201	F5D060388	Thorium-232	0.68	0.15	0.03	=	
MDSS0202	F5D060395	Plutonium-238	41.2	4.7	0.03	=	
MDSS0202	F5D060395	Plutonium-239/240	0.223	0.077	0.033	=	
MDSS0202	F5D060395	Thorium-228	1.47	0.3	0.03	J	J01
MDSS0202	F5D060395	Thorium-230	1.13	0.25	0.02	=	
MDSS0202	F5D060395	Thorium-232	0.88	0.21	0.02	J	J01

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0204	F5D060395	Plutonium-238	0.57	0.21	0.14	=	
MDSS0204	F5D060395	Plutonium-239/240	0.016	0.062	0.1	UJ	T06
MDSS0204	F5D060395	Thorium-228	0.78	0.17	0.03	J	J01
MDSS0204	F5D060395	Thorium-230	1.24	0.23	0.03	=	
MDSS0204	F5D060395	Thorium-232	0.75	0.17	0.03	J	J01
MDSS0205	F5D060388	Plutonium-238	8.4	1	0.04	=	
MDSS0205	F5D060388	Plutonium-239/240	0.042	0.032	0.027	J	T04
MDSS0205	F5D060388	Thorium-228	0.85	0.18	0.03	=	
MDSS0205	F5D060388	Thorium-230	0.82	0.18	0.03	=	
MDSS0205	F5D060388	Thorium-232	0.74	0.17	0.02	=	
MDSS0206	F5D130257	Plutonium-238	37.9	4.1	0.04	=	
MDSS0206	F5D130257	Plutonium-239/240	0.212	0.071	0.03	=	
MDSS0206	F5D130257	Thorium-228	0.97	0.19	0.05	=	
MDSS0206	F5D130257	Thorium-230	1.12	0.21	0.03	=	
MDSS0206	F5D130257	Thorium-232	0.99	0.2	0.03	=	
MDSS0207	F5D060395	Plutonium-238	8.6	1	0.05	=	
MDSS0207	F5D060395	Plutonium-239/240	0.048	0.035	0.027	J	T04
MDSS0207	F5D060395	Thorium-228	0.78	0.18	0.04	J	J01
MDSS0207	F5D060395	Thorium-230	0.57	0.15	0.03	=	
MDSS0207	F5D060395	Thorium-232	0.59	0.15	0.02	J	J01
MDSS0208	F5D060389	Plutonium-238	55.2	6.1	0.06	=	
MDSS0208	F5D060389	Plutonium-239/240	0.51	0.12	0.04	=	
MDSS0208	F5D060389	Thorium-228	1.23	0.22	0.03	=	
MDSS0208	F5D060389	Thorium-230	0.98	0.19	0.03	=	
MDSS0208	F5D060389	Thorium-232	0.85	0.17	0.02	=	
MDSS0209	F5D060389	Plutonium-238	84.9	8.7	0.03	=	
MDSS0209	F5D060389	Plutonium-239/240	0.53	0.11	0.02	=	
MDSS0209	F5D060389	Thorium-228	1.61	0.27	0.03	=	
MDSS0209	F5D060389	Thorium-230	0.99	0.19	0.03	=	
MDSS0209	F5D060389	Thorium-232	0.82	0.16	0.03	=	
MDSS0210	F5D060389	Plutonium-238	4.08	0.52	0.04	=	
MDSS0210	F5D060389	Plutonium-239/240	0.091	0.045	0.029	=	
MDSS0210	F5D060389	Thorium-228	0.78	0.16	0.03	=	
MDSS0210	F5D060389	Thorium-230	0.95	0.18	0.03	=	
MDSS0210	F5D060389	Thorium-232	0.76	0.16	0.03	=	
MDSS0211	F5D060389	Plutonium-238	9.5	1.1	0.04	=	
MDSS0211	F5D060389	Plutonium-239/240	0.159	0.062	0.023	=	
MDSS0211	F5D060389	Thorium-228	0.68	0.15	0.04	=	
MDSS0211	F5D060389	Thorium-230	0.86	0.17	0.03	=	
MDSS0211	F5D060389	Thorium-232	0.61	0.14	0.03	=	
MDSS0212	F5D060389	Plutonium-238	22.4	2.6	0.04	=	
MDSS0212	F5D060389	Plutonium-239/240	0.56	0.13	0.02	=	
MDSS0212	F5D060389	Thorium-228	0.79	0.16	0.03	=	
MDSS0212	F5D060389	Thorium-230	0.86	0.17	0.03	=	
MDSS0212	F5D060389	Thorium-232	0.52	0.12	0.01	=	
MDSS0215	F5D060388	Plutonium-238	13.2	1.5	0.04	=	
MDSS0215	F5D060388	Plutonium-239/240	0.053	0.036	0.03	J	T04
MDSS0215	F5D060388	Thorium-228	0.57	0.13	0.03	=	
MDSS0215	F5D060388	Thorium-230	0.64	0.14	0.03	=	
MDSS0215	F5D060388	Thorium-232	0.47	0.12	0.03	=	
MDSS0216	F5D060389	Plutonium-238	28.8	3	0.04	=	
MDSS0216	F5D060389	Plutonium-239/240	0.45	0.1	0.03	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0216	F5D060389	Thorium-228	1.04	0.21	0.04	=	
MDSS0216	F5D060389	Thorium-230	0.89	0.18	0.03	=	
MDSS0216	F5D060389	Thorium-232	0.71	0.16	0.03	=	
MDSS0217	F5D060389	Plutonium-238	9.2	1.1	0.04	=	
MDSS0217	F5D060389	Plutonium-239/240	0.076	0.041	0.022	J	T04
MDSS0217	F5D060389	Thorium-228	2.42	0.37	0.04	=	
MDSS0217	F5D060389	Thorium-230	2.85	0.42	0.02	=	
MDSS0217	F5D060389	Thorium-232	2.84	0.42	0.01	=	
MDSS0218	F5D130257	Plutonium-238	13.4	1.6	0.05	=	
MDSS0218	F5D130257	Plutonium-239/240	0.026	0.029	0.036	UJ	T06
MDSS0218	F5D130257	Thorium-228	0.65	0.16	0.04	=	
MDSS0218	F5D130257	Thorium-230	0.53	0.14	0.03	=	
MDSS0218	F5D130257	Thorium-232	0.251	0.089	0.018	=	
MDSS0219	F5D060395	Plutonium-238	1.02	0.18	0.04	=	
MDSS0219	F5D060395	Plutonium-239/240	0.027	0.027	0.03	U	T05
MDSS0219	F5D060395	Thorium-228	1.14	0.29	0.06	J	J01
MDSS0219	F5D060395	Thorium-230	1.03	0.27	0.04	=	
MDSS0219	F5D060395	Thorium-232	1.38	0.33	0.04	J	J01
MDSS0220	F5D060395	Plutonium-238	67.6	7.3	0.03	=	
MDSS0220	F5D060395	Plutonium-239/240	0.362	0.095	0.022	=	
MDSS0220	F5D060395	Thorium-228	1.08	0.33	0.16	J	J01
MDSS0220	F5D060395	Thorium-230	0.73	0.25	0.08	=	
MDSS0220	F5D060395	Thorium-232	0.72	0.24	0.04	J	J01
MDSS0221	F5D060395	Plutonium-238	1.55	0.24	0.04	=	
MDSS0221	F5D060395	Plutonium-239/240	0.006	0.016	0.029	UJ	T06
MDSS0221	F5D060395	Thorium-228	0.6	0.18	0.1	J	J01
MDSS0221	F5D060395	Thorium-230	0.99	0.24	0.04	=	
MDSS0221	F5D060395	Thorium-232	0.57	0.17	0.05	J	J01
MDSS0223	F5D060395	Plutonium-238	2.96	0.43	0.05	=	
MDSS0223	F5D060395	Plutonium-239/240	0.014	0.023	0.035	UJ	T06
MDSS0223	F5D060395	Thorium-228	1.01	0.32	0.12	J	J01
MDSS0223	F5D060395	Thorium-230	0.81	0.28	0.1	=	
MDSS0223	F5D060395	Thorium-232	0.91	0.3	0.09	J	J01
MDSS0224	F5D060395	Plutonium-238	3.42	0.46	0.04	=	
MDSS0224	F5D060395	Plutonium-239/240	0.007	0.018	0.031	UJ	T06
MDSS0224	F5D060395	Thorium-228	0.43	0.21	0.2	J	J01
MDSS0224	F5D060395	Thorium-230	0.85	0.25	0.09	=	
MDSS0224	F5D060395	Thorium-232	0.59	0.2	0.11	J	J01
MDSS0225	F5D060388	Plutonium-238	21.8	2.5	0.04	=	
MDSS0225	F5D060388	Plutonium-239/240	0.093	0.047	0.024	J	T04
MDSS0225	F5D060388	Thorium-228	0.56	0.15	0.03	=	
MDSS0225	F5D060388	Thorium-230	0.49	0.13	0.02	=	
MDSS0225	F5D060388	Thorium-232	0.42	0.12	0.02	=	
MDSS0226	F5D060403	Plutonium-238	0.23	0.073	0.039	=	
MDSS0226	F5D060403	Plutonium-239/240	0	0	0.02	U	
MDSS0226	F5D060403	Thorium-228	1.03	0.22	0.03	=	
MDSS0226	F5D060403	Thorium-230	0.97	0.21	0.04	=	
MDSS0226	F5D060403	Thorium-232	0.92	0.2	0.03	=	
MDSS0227	F5D060403	Plutonium-238	0.93	0.18	0.09	=	
MDSS0227	F5D060403	Plutonium-239/240	0.025	0.046	0.065	UJ	T06
MDSS0227	F5D060403	Thorium-228	0.53	0.13	0.03	=	
MDSS0227	F5D060403	Thorium-230	0.83	0.17	0.02	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0227	F5D060403	Thorium-232	0.56	0.13	0.03	=	
MDSS0228	F5D130257	Plutonium-238	30.6	3.5	0.04	=	
MDSS0228	F5D130257	Plutonium-239/240	0.132	0.056	0.024	=	
MDSS0228	F5D130257	Thorium-228	0.43	0.22	0.22	J	T04
MDSS0228	F5D130257	Thorium-230	0.54	0.2	0.1	=	
MDSS0228	F5D130257	Thorium-232	0.49	0.19	0.11	=	
MDSS0229	F5D060395	Plutonium-238	3.23	0.44	0.05	=	
MDSS0229	F5D060395	Plutonium-239/240	0.024	0.026	0.03	UJ	T06
MDSS0229	F5D060395	Thorium-228	0.61	0.17	0.07	J	J01
MDSS0229	F5D060395	Thorium-230	0.87	0.21	0.04	=	
MDSS0229	F5D060395	Thorium-232	0.46	0.14	0.03	J	J01
MDSS0230	F5D060395	Plutonium-238	0.143	0.08	0.065	J	T04
MDSS0230	F5D060395	Plutonium-239/240	0.014	0.027	0.043	UJ	T06
MDSS0230	F5D060395	Thorium-228	0.51	0.18	0.07	J	J01
MDSS0230	F5D060395	Thorium-230	1.21	0.31	0.03	=	
MDSS0230	F5D060395	Thorium-232	0.34	0.14	0.05	J	J01
MDSS0231	F5D060395	Plutonium-238	2.7	0.39	0.09	=	
MDSS0231	F5D060395	Plutonium-239/240	0	0	0.07	U	
MDSS0231	F5D060395	Thorium-228	0.95	0.24	0.04	J	J01
MDSS0231	F5D060395	Thorium-230	1.25	0.29	0.05	=	
MDSS0231	F5D060395	Thorium-232	0.97	0.24	0.04	J	J01
MDSS0232	F5D060395	Plutonium-238	12.9	1.5	0.07	=	
MDSS0232	F5D060395	Plutonium-239/240	0.116	0.057	0.044	=	
MDSS0232	F5D060395	Thorium-228	0.41	0.16	0.06	J	J01
MDSS0232	F5D060395	Thorium-230	0.63	0.2	0.03	=	
MDSS0232	F5D060395	Thorium-232	0.26	0.12	0.05	J	J01
MDSS0233	F5D060395	Plutonium-238	82.3	9.9	0.05	=	
MDSS0233	F5D060395	Plutonium-239/240	0.32	0.1	0.03	=	
MDSS0233	F5D060395	Thorium-228	1.09	0.26	0.05	J	J01
MDSS0233	F5D060395	Thorium-230	1.41	0.31	0.04	=	
MDSS0233	F5D060395	Thorium-232	0.79	0.21	0.02	J	J01
MDSS0235	F5D060395	Plutonium-238	2.23	0.32	0.04	=	
MDSS0235	F5D060395	Plutonium-239/240	0.011	0.018	0.014	UJ	T06
MDSS0235	F5D060395	Thorium-228	0.46	0.16	0.08	J	J01
MDSS0235	F5D060395	Thorium-230	0.84	0.24	0.03	=	
MDSS0235	F5D060395	Thorium-232	0.39	0.15	0.05	J	J01
MDSS0236	F5D060395	Plutonium-238	14.5	1.6	0.04	=	
MDSS0236	F5D060395	Plutonium-239/240	0.054	0.034	0.021	J	T04
MDSS0236	F5D060395	Thorium-228	0.58	0.18	0.07	J	J01
MDSS0236	F5D060395	Thorium-230	0.85	0.23	0.05	=	
MDSS0236	F5D060395	Thorium-232	0.23	0.1	0.04	J	J01
MDSS0237	F5D060395	Plutonium-238	3.33	0.46	0.04	=	
MDSS0237	F5D060395	Plutonium-239/240	0.01	0.017	0.024	UJ	T06
MDSS0237	F5D060395	Thorium-228	0.46	0.13	0.05	J	J01
MDSS0237	F5D060395	Thorium-230	0.74	0.17	0.04	=	
MDSS0237	F5D060395	Thorium-232	0.45	0.13	0.03	J	J01
MDSS0238	F5D060388	Plutonium-238	13.1	1.5	0.05	=	
MDSS0238	F5D060388	Plutonium-239/240	0.034	0.03	0.031	J	T04
MDSS0238	F5D060388	Thorium-228	0.38	0.11	0.04	=	
MDSS0238	F5D060388	Thorium-230	0.46	0.13	0.03	=	
MDSS0238	F5D060388	Thorium-232	0.27	0.093	0.018	=	
MDSS0239	F5D060395	Plutonium-238	35.8	4.2	0.05	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0239	F5D060395	Plutonium-239/240	0.132	0.06	0.03	=	
MDSS0239	F5D060395	Thorium-228	1.06	0.22	0.05	J	J01
MDSS0239	F5D060395	Thorium-230	0.83	0.19	0.03	=	
MDSS0239	F5D060395	Thorium-232	0.52	0.14	0.02	J	J01
MDSS0240	F5D130257	Plutonium-238	0.037	0.036	0.043	U	T05
MDSS0240	F5D130257	Plutonium-239/240	0.001	0.013	0.029	UJ	T06
MDSS0240	F5D130257	Thorium-228	0.6	0.14	0.07	=	
MDSS0240	F5D130257	Thorium-230	1.19	0.22	0.03	=	
MDSS0240	F5D130257	Thorium-232	0.56	0.13	0.02	=	
MDSS0241	F5D060403	Plutonium-238	32.1	3.6	0.07	=	
MDSS0241	F5D060403	Plutonium-239/240	0.42	0.11	0.04	=	
MDSS0241	F5D060403	Thorium-228	0.98	0.2	0.05	=	
MDSS0241	F5D060403	Thorium-230	0.64	0.15	0.02	=	
MDSS0241	F5D060403	Thorium-232	0.61	0.15	0.04	=	
MDSS0242	F5D060403	Plutonium-238	44.9	4.7	0.04	=	
MDSS0242	F5D060403	Plutonium-239/240	0.84	0.15	0.03	=	
MDSS0242	F5D060403	Thorium-228	2.43	0.39	0.04	=	
MDSS0242	F5D060403	Thorium-230	1.26	0.24	0.03	=	
MDSS0242	F5D060403	Thorium-232	1.43	0.26	0.03	=	
MDSS0243	F5D060403	Plutonium-238	11.4	1.3	0.06	=	
MDSS0243	F5D060403	Plutonium-239/240	0.127	0.055	0.039	=	
MDSS0243	F5D060403	Thorium-228	0.85	0.18	0.05	=	
MDSS0243	F5D060403	Thorium-230	1.13	0.22	0.03	=	
MDSS0243	F5D060403	Thorium-232	0.7	0.16	0.03	=	
MDSS0244	F5D060403	Plutonium-238	20.8	2.3	0.04	=	
MDSS0244	F5D060403	Plutonium-239/240	0.292	0.082	0.021	=	
MDSS0244	F5D060403	Thorium-228	1.42	0.26	0.05	=	
MDSS0244	F5D060403	Thorium-230	1.22	0.23	0.03	=	
MDSS0244	F5D060403	Thorium-232	0.94	0.19	0.03	=	
MDSS0245	F5D060409	Plutonium-238	33.9	3.5	0.05	=	
MDSS0245	F5D060409	Plutonium-239/240	0.401	0.099	0.039	J	J01
MDSS0245	F5D060409	Thorium-228	2.22	0.59	0.09	J	G02
MDSS0245	F5D060409	Thorium-230	0.86	0.3	0.08	J	G02, J01
MDSS0245	F5D060409	Thorium-232	0.86	0.3	0.04	J	G02, J01
MDSS0246	F5D060403	Plutonium-238	0.284	0.086	0.044	=	
MDSS0246	F5D060403	Plutonium-239/240	0.001	0.014	0.03	UJ	T06
MDSS0246	F5D060403	Thorium-228	0.49	0.12	0.03	=	
MDSS0246	F5D060403	Thorium-230	0.96	0.18	0.02	=	
MDSS0246	F5D060403	Thorium-232	0.62	0.13	0.02	=	
MDSS0247	F5D060403	Plutonium-238	37.2	4	0.04	=	
MDSS0247	F5D060403	Plutonium-239/240	0.41	0.1	0.03	=	
MDSS0247	F5D060403	Thorium-228	1.95	0.33	0.04	=	
MDSS0247	F5D060403	Thorium-230	1.35	0.25	0.02	=	
MDSS0247	F5D060403	Thorium-232	1.19	0.23	0.03	=	
MDSS0248	F5D060403	Plutonium-238	0.163	0.065	0.039	=	
MDSS0248	F5D060403	Plutonium-239/240	0.006	0.016	0.015	UJ	T06
MDSS0248	F5D060403	Thorium-228	0.57	0.13	0.03	=	
MDSS0248	F5D060403	Thorium-230	1.01	0.2	0.02	=	
MDSS0248	F5D060403	Thorium-232	0.71	0.15	0.02	=	
MDSS0249	F5D060403	Plutonium-238	24.8	2.7	0.04	=	
MDSS0249	F5D060403	Plutonium-239/240	0.307	0.085	0.024	=	
MDSS0249	F5D060403	Thorium-228	1.27	0.24	0.03	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0249	F5D060403	Thorium-230	0.99	0.21	0.03	=	
MDSS0249	F5D060403	Thorium-232	0.63	0.15	0.03	=	
MDSS0250	F5D060403	Plutonium-238	0.226	0.089	0.07	=	
MDSS0250	F5D060403	Plutonium-239/240	0	0	0.05	U	
MDSS0250	F5D060403	Thorium-228	0.64	0.15	0.04	=	
MDSS0250	F5D060403	Thorium-230	0.75	0.17	0.04	=	
MDSS0250	F5D060403	Thorium-232	0.75	0.17	0.03	=	
MDSS0251	F5D060409	Plutonium-238	25.6	3	0.03	=	
MDSS0251	F5D060409	Plutonium-239/240	0.39	0.11	0.04	J	J01
MDSS0251	F5D060409	Thorium-228	1.18	0.36	0.09	=	
MDSS0251	F5D060409	Thorium-230	0.98	0.31	0.07	J	J01
MDSS0251	F5D060409	Thorium-232	0.79	0.27	0.07	J	J01
MDSS0252	F5D060409	Plutonium-238	10.3	1.2	0.06	=	
MDSS0252	F5D060409	Plutonium-239/240	0.179	0.066	0.039	J	J01
MDSS0252	F5D060409	Thorium-228	0.59	0.21	0.1	=	
MDSS0252	F5D060409	Thorium-230	0.56	0.2	0.07	J	J01
MDSS0252	F5D060409	Thorium-232	0.22	0.12	0.07	J	J01, T04
MDSS0253	F5D130257	Plutonium-238	3.52	0.45	0.04	=	
MDSS0253	F5D130257	Plutonium-239/240	0.03	0.027	0.028	J	T04
MDSS0253	F5D130257	Thorium-228	0.97	0.2	0.07	=	
MDSS0253	F5D130257	Thorium-230	0.88	0.18	0.03	=	
MDSS0253	F5D130257	Thorium-232	0.82	0.17	0.04	=	
MDSS0254	F5D060409	Plutonium-238	0.324	0.092	0.043	=	
MDSS0254	F5D060409	Plutonium-239/240	0.003	0.012	0.025	UJ	J01 ,T06
MDSS0254	F5D060409	Thorium-228	0.99	0.31	0.08	=	
MDSS0254	F5D060409	Thorium-230	0.94	0.29	0.06	J	J01
MDSS0254	F5D060409	Thorium-232	0.87	0.28	0.07	J	J01
MDSS0255	F5D060409	Plutonium-238	0.279	0.085	0.052	=	
MDSS0255	F5D060409	Plutonium-239/240	0.003	0.023	0.041	UJ	J01 ,T06
MDSS0255	F5D060409	Thorium-228	0.72	0.24	0.11	=	
MDSS0255	F5D060409	Thorium-230	0.59	0.21	0.04	J	J01
MDSS0255	F5D060409	Thorium-232	0.73	0.24	0.08	J	J01
MDSS0256	F5D060409	Plutonium-238	11.2	1.3	0.04	=	
MDSS0256	F5D060409	Plutonium-239/240	0.02	0.023	0.027	UJ	J01 ,T06
MDSS0256	F5D060409	Thorium-228	0.65	0.23	0.09	=	
MDSS0256	F5D060409	Thorium-230	0.86	0.27	0.04	J	J01
MDSS0256	F5D060409	Thorium-232	0.42	0.17	0.04	J	J01
MDSS0257	F5D060409	Plutonium-238	10.8	1.2	0.04	=	
MDSS0257	F5D060409	Plutonium-239/240	0.133	0.055	0.029	J	J01
MDSS0257	F5D060409	Thorium-228	0.73	0.21	0.07	=	
MDSS0257	F5D060409	Thorium-230	0.73	0.2	0.05	J	J01
MDSS0257	F5D060409	Thorium-232	0.34	0.13	0.04	J	J01
MDSS0258	F5D060403	Plutonium-238	1.02	0.18	0.03	=	
MDSS0258	F5D060403	Plutonium-239/240	0.037	0.028	0.02	J	T04
MDSS0258	F5D060403	Thorium-228	0.93	0.22	0.04	=	
MDSS0258	F5D060403	Thorium-230	1.04	0.23	0.02	=	
MDSS0258	F5D060403	Thorium-232	1.04	0.23	0.02	=	
MDSS0259	F5D060409	Plutonium-238	39.6	4.3	0.04	=	
MDSS0259	F5D060409	Plutonium-239/240	0.55	0.12	0.01	J	J01
MDSS0259	F5D060409	Thorium-228	1.13	0.27	0.09	=	
MDSS0259	F5D060409	Thorium-230	0.92	0.23	0.07	J	J01
MDSS0259	F5D060409	Thorium-232	0.63	0.18	0.04	J	J01

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0260	F5D060409	Plutonium-238	3.07	0.43	0.05	=	
MDSS0260	F5D060409	Plutonium-239/240	0.045	0.033	0.024	J	J01 ,T04
MDSS0260	F5D060409	Thorium-228	1.01	0.28	0.07	=	
MDSS0260	F5D060409	Thorium-230	0.9	0.26	0.03	J	J01
MDSS0260	F5D060409	Thorium-232	0.67	0.21	0.06	J	J01
MDSS0261	F5D060403	Plutonium-238	24.3	2.7	0.04	=	
MDSS0261	F5D060403	Plutonium-239/240	0.49	0.12	0.03	=	
MDSS0261	F5D060403	Thorium-228	1.42	0.26	0.05	=	
MDSS0261	F5D060403	Thorium-230	1.06	0.21	0.02	=	
MDSS0261	F5D060403	Thorium-232	0.85	0.18	0.03	=	
MDSS0262	F5D060409	Plutonium-238	2.07	0.31	0.04	=	
MDSS0262	F5D060409	Plutonium-239/240	0.032	0.028	0.024	J	J01 ,T04
MDSS0262	F5D060409	Thorium-228	0.61	0.2	0.09	=	
MDSS0262	F5D060409	Thorium-230	0.79	0.23	0.06	J	J01
MDSS0262	F5D060409	Thorium-232	0.51	0.18	0.06	J	J01
MDSS0263	F5D060409	Plutonium-238	0.104	0.056	0.048	J	T04
MDSS0263	F5D060409	Plutonium-239/240	0.001	0.015	0.033	UJ	J01 ,T06
MDSS0263	F5D060409	Thorium-228	0.66	0.17	0.04	=	
MDSS0263	F5D060409	Thorium-230	1.1	0.24	0.04	J	J01
MDSS0263	F5D060409	Thorium-232	0.52	0.15	0.05	J	J01
MDSS0264	F5D060409	Plutonium-238	3.86	0.5	0.06	=	
MDSS0264	F5D060409	Plutonium-239/240	0.085	0.049	0.044	J	J01 ,T04
MDSS0264	F5D060409	Thorium-228	0.73	0.19	0.07	=	
MDSS0264	F5D060409	Thorium-230	1.21	0.27	0.05	J	J01
MDSS0264	F5D060409	Thorium-232	0.92	0.22	0.04	J	J01
MDSS0265	F5D060409	Plutonium-238	0.207	0.075	0.04	=	
MDSS0265	F5D060409	Plutonium-239/240	0.023	0.026	0.015	J	J01 ,T04
MDSS0265	F5D060409	Thorium-228	0.83	0.29	0.09	J	G02
MDSS0265	F5D060409	Thorium-230	0.87	0.29	0.08	J	G02, J01
MDSS0265	F5D060409	Thorium-232	0.63	0.24	0.04	J	G02, J01
MDSS0266	F5D060409	Plutonium-238	3.01	0.4	0.04	=	
MDSS0266	F5D060409	Plutonium-239/240	0.009	0.015	0.021	UJ	J01 ,T06
MDSS0266	F5D060409	Thorium-228	0.47	0.14	0.05	=	
MDSS0266	F5D060409	Thorium-230	0.58	0.16	0.03	J	J01
MDSS0266	F5D060409	Thorium-232	0.37	0.12	0.02	J	J01
MDSS0267	F5D060409	Plutonium-238	17	2	0.04	=	
MDSS0267	F5D060409	Plutonium-239/240	0.166	0.064	0.027	J	J01
MDSS0267	F5D060409	Thorium-228	1.67	0.31	0.03	=	
MDSS0267	F5D060409	Thorium-230	0.73	0.17	0.03	J	J01
MDSS0267	F5D060409	Thorium-232	1.09	0.23	0.03	J	J01
MDSS0268	F5D060403	Plutonium-238	0.79	0.16	0.04	=	
MDSS0268	F5D060403	Plutonium-239/240	0.052	0.036	0.025	J	T04
MDSS0268	F5D060403	Thorium-228	1.09	0.22	0.04	=	
MDSS0268	F5D060403	Thorium-230	1.05	0.21	0.02	=	
MDSS0268	F5D060403	Thorium-232	1.14	0.23	0.02	=	
MDSS0270	F5D060403	Plutonium-238	1.07	0.19	0.03	=	
MDSS0270	F5D060403	Plutonium-239/240	0.025	0.023	0.022	J	T04
MDSS0270	F5D060403	Thorium-228	0.47	0.11	0.03	=	
MDSS0270	F5D060403	Thorium-230	0.84	0.16	0.03	=	
MDSS0270	F5D060403	Thorium-232	0.52	0.12	0.01	=	
MDSS0271	F5D130257	Plutonium-238	3.61	0.46	0.03	=	
MDSS0271	F5D130257	Plutonium-239/240	0.019	0.021	0.021	UJ	T06

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0271	F5D130257	Thorium-228	0.8	0.2	0.06	=	
MDSS0271	F5D130257	Thorium-230	0.92	0.21	0.02	=	
MDSS0271	F5D130257	Thorium-232	0.7	0.18	0.05	=	
MDSS0272	F5D060409	Plutonium-238	0.51	0.13	0.07	=	
MDSS0272	F5D060409	Plutonium-239/240	0.002	0.029	0.052	UJ	J01 ,T06
MDSS0272	F5D060409	Thorium-228	0.34	0.18	0.11	J	G02, T04
MDSS0272	F5D060409	Thorium-230	0.61	0.25	0.05	J	F01, G02, J01
MDSS0272	F5D060409	Thorium-232	0.29	0.16	0.08	J	G02, J01, T04
MDSS0273	F5D060409	Plutonium-238	5.95	0.7	0.04	=	
MDSS0273	F5D060409	Plutonium-239/240	0.059	0.036	0.013	J	J01 ,T04
MDSS0273	F5D060409	Thorium-228	0.86	0.24	0.08	=	
MDSS0273	F5D060409	Thorium-230	1.01	0.26	0.03	J	J01
MDSS0273	F5D060409	Thorium-232	0.76	0.21	0.04	J	J01
MDSS0274	F5D060409	Plutonium-238	0.342	0.097	0.046	=	
MDSS0274	F5D060409	Plutonium-239/240	0.001	0.014	0.031	UJ	J01 ,T06
MDSS0274	F5D060409	Thorium-228	0.33	0.12	0.06	=	
MDSS0274	F5D060409	Thorium-230	0.5	0.16	0.05	J	J01
MDSS0274	F5D060409	Thorium-232	0.35	0.13	0.05	J	J01
MDSS0275	F5D060403	Plutonium-238	8.9	1	0.04	=	
MDSS0275	F5D060403	Plutonium-239/240	0.104	0.047	0.026	=	
MDSS0275	F5D060403	Thorium-228	0.76	0.16	0.03	=	
MDSS0275	F5D060403	Thorium-230	0.86	0.17	0.02	=	
MDSS0275	F5D060403	Thorium-232	0.78	0.16	0.01	=	
MDSS0277	F5D250160	Plutonium-238	10.7	0.85	0.03	=	
MDSS0277	F5D250160	Plutonium-239/240	0.034	0.021	0.02	J	T04
MDSS0277	F5D250160	Thorium-228	0.61	0.11	0.04	=	
MDSS0277	F5D250160	Thorium-230	0.91	0.14	0.02	=	
MDSS0277	F5D250160	Thorium-232	0.64	0.11	0.01	=	
MDSS0279	F5D250160	Plutonium-238	103	7.2	0.03	=	
MDSS0279	F5D250160	Plutonium-239/240	0.441	0.069	0.015	=	
MDSS0279	F5D250160	Thorium-228	1.44	0.22	0.04	=	
MDSS0279	F5D250160	Thorium-230	1.01	0.17	0.01	=	
MDSS0279	F5D250160	Thorium-232	1.03	0.17	0.01	=	
MDSS0280	F5D250160	Plutonium-238	1.49	0.16	0.02	=	
MDSS0280	F5D250160	Plutonium-239/240	0.0046	0.0092	0.015	UJ	T06
MDSS0280	F5D250160	Thorium-228	0.95	0.17	0.05	=	
MDSS0280	F5D250160	Thorium-230	1.33	0.22	0.03	=	
MDSS0280	F5D250160	Thorium-232	0.86	0.16	0.03	=	
MDSS0281	F5D250160	Plutonium-238	9.37	0.72	0.03	=	
MDSS0281	F5D250160	Plutonium-239/240	0.032	0.018	0.012	J	T04
MDSS0281	F5D250160	Thorium-228	0.97	0.18	0.05	=	
MDSS0281	F5D250160	Thorium-230	0.94	0.17	0.03	=	
MDSS0281	F5D250160	Thorium-232	1.03	0.18	0.03	=	
MDSS0282	F5D250160	Plutonium-238	17.3	1.3	0.02	=	
MDSS0282	F5D250160	Plutonium-239/240	0.059	0.024	0.013	=	
MDSS0282	F5D250160	Thorium-228	0.82	0.14	0.04	=	
MDSS0282	F5D250160	Thorium-230	0.85	0.14	0.01	=	
MDSS0282	F5D250160	Thorium-232	0.81	0.14	0.02	=	
MDSS0283	F5D250160	Plutonium-238	58.7	4.3	0.03	=	
MDSS0283	F5D250160	Plutonium-239/240	0.171	0.043	0.018	=	
MDSS0283	F5D250160	Thorium-228	0.85	0.18	0.06	=	
MDSS0283	F5D250160	Thorium-230	0.9	0.19	0.07	=	

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS0283	F5D250160	Thorium-232	0.62	0.15	0.05	=	
MDSS0284	F5D250160	Plutonium-238	38.2	2.8	0.02	=	
MDSS0284	F5D250160	Plutonium-239/240	0.141	0.037	0.015	=	
MDSS0284	F5D250160	Thorium-228	0.63	0.15	0.07	=	
MDSS0284	F5D250160	Thorium-230	1.04	0.21	0.04	=	
MDSS0284	F5D250160	Thorium-232	0.6	0.15	0.02	=	
MDSS0285	F5D250160	Plutonium-238	2.56	0.24	0.02	=	
MDSS0285	F5D250160	Plutonium-239/240	0.026	0.017	0.016	J	T04
MDSS0285	F5D250160	Thorium-228	0.43	0.089	0.02	=	
MDSS0285	F5D250160	Thorium-230	0.73	0.12	0.02	=	
MDSS0285	F5D250160	Thorium-232	0.437	0.09	0.01	=	
MDSS0286	F5D250160	Benzo(a)pyrene	390		390	UJ	A01
MDSS0286	F5D250160	Plutonium-238	1.56	0.17	0.03	=	
MDSS0286	F5D250160	Plutonium-239/240	0.012	0.012	0.006	J	T04
MDSS0286	F5D250160	Thorium-228	0.47	0.16	0.12	R	G02
MDSS0286	F5D250160	Thorium-230	0.62	0.18	0.07	R	G02
MDSS0286	F5D250160	Thorium-232	0.33	0.12	0.05	R	G02
MDSS0286RE	F5D250160	Thorium-228	0.49	0.14	0.06	=	
MDSS0286RE	F5D250160	Thorium-230	0.84	0.19	0.06	=	
MDSS0286RE	F5D250160	Thorium-232	0.47	0.13	0.05	=	
MDSS0999	F5D060310	Plutonium-238	0.79	0.16	0.03	=	
MDSS0999	F5D060310	Plutonium-239/240	0.01	0.016	0.023	UJ	T06
MDSS0999	F5D060310	Thorium-228	0.8	0.17	0.04	=	
MDSS0999	F5D060310	Thorium-230	0.91	0.19	0.03	=	
MDSS0999	F5D060310	Thorium-232	0.82	0.17	0.03	=	
MDSS9001	F5D010187	Plutonium-238	13.6	1.6	0.05	=	
MDSS9001	F5D010187	Plutonium-239/240	0.13	0.057	0.03	=	
MDSS9001	F5D010187	Thorium-228	0.7	0.16	0.04	=	
MDSS9001	F5D010187	Thorium-230	1.24	0.24	0.03	=	
MDSS9001	F5D010187	Thorium-232	0.69	0.16	0.02	=	
MDSS9002	F5D060323	Plutonium-238	8	1	0.06	J	J01
MDSS9002	F5D060323	Plutonium-239/240	0.027	0.029	0.033	UJ	T06
MDSS9002	F5D060323	Thorium-228	1.05	0.2	0.05	=	
MDSS9002	F5D060323	Thorium-230	1.5	0.26	0.03	=	
MDSS9002	F5D060323	Thorium-232	1.03	0.2	0.03	J	J01
MDSS9003	F5D060377	Plutonium-238	0.82	0.16	0.03	J	J01
MDSS9003	F5D060377	Plutonium-239/240	0.036	0.028	0.022	J	T04
MDSS9003	F5D060377	Thorium-228	0.91	0.19	0.04	=	
MDSS9003	F5D060377	Thorium-230	0.9	0.19	0.02	=	
MDSS9003	F5D060377	Thorium-232	0.87	0.18	0.03	=	
MDSS9004	F5D060367	Plutonium-238	2.2	0.32	0.05	=	
MDSS9004	F5D060367	Plutonium-239/240	0.039	0.031	0.028	J	T04
MDSS9004	F5D060367	Thorium-228	0.84	0.22	0.06	J	J01
MDSS9004	F5D060367	Thorium-230	1.15	0.27	0.04	=	
MDSS9004	F5D060367	Thorium-232	0.9	0.23	0.04	J	J01
MDSS9005	F5D060377	Plutonium-238	0.53	0.12	0.03	J	J01
MDSS9005	F5D060377	Plutonium-239/240	0.006	0.018	0.033	UJ	T06
MDSS9005	F5D060377	Thorium-228	0.66	0.16	0.03	=	
MDSS9005	F5D060377	Thorium-230	0.86	0.19	0.02	=	
MDSS9005	F5D060377	Thorium-232	0.55	0.14	0.02	=	
MDSS9006	F5D060351	Plutonium-238	6.75	0.85	0.04	=	
MDSS9006	F5D060351	Plutonium-239/240	0.008	0.018	0.031	UJ	T06

Table 1: RV2 Validated Results (pCi/g)

Sample Name	SDG	Analyte Name	Result	Uncertainty	MDC	Val Qualifier	Reason Code
MDSS9006	F5D060351	Thorium-228	0.5	0.11	0.02	=	
MDSS9006	F5D060351	Thorium-230	0.71	0.14	0.01	=	
MDSS9006	F5D060351	Thorium-232	0.46	0.11	0.01	J	J01
MDSS9008	F5D060351	Plutonium-238	2.13	0.32	0.06	=	
MDSS9008	F5D060351	Plutonium-239/240	0.024	0.034	0.046	UJ	T06
MDSS9008	F5D060351	Thorium-228	0.43	0.13	0.04	=	
MDSS9008	F5D060351	Thorium-230	0.67	0.17	0.02	=	
MDSS9008	F5D060351	Thorium-232	0.4	0.12	0.03	J	J01
MDSS9009	F5D060389	Plutonium-238	59.8	6.1	0.05	=	
MDSS9009	F5D060389	Plutonium-239/240	0.65	0.13	0.04	=	
MDSS9009	F5D060389	Thorium-228	1.55	0.27	0.04	=	
MDSS9009	F5D060389	Thorium-230	0.96	0.19	0.03	=	
MDSS9009	F5D060389	Thorium-232	0.67	0.15	0.02	=	
MDSS9010	F5D060388	Plutonium-238	13.9	1.6	0.03	=	
MDSS9010	F5D060388	Plutonium-239/240	0.031	0.027	0.023	J	T04
MDSS9010	F5D060388	Thorium-228	0.91	0.19	0.04	=	
MDSS9010	F5D060388	Thorium-230	1.17	0.22	0.03	=	
MDSS9010	F5D060388	Thorium-232	0.8	0.17	0.02	=	
MDSS9011	F5D060403	Plutonium-238	0.259	0.084	0.047	=	
MDSS9011	F5D060403	Plutonium-239/240	0	0	0.03	U	
MDSS9011	F5D060403	Thorium-228	0.62	0.14	0.03	=	
MDSS9011	F5D060403	Thorium-230	1.06	0.2	0.03	=	
MDSS9011	F5D060403	Thorium-232	0.51	0.12	0.03	=	
MDSS9012	F5D060403	Plutonium-238	0.141	0.058	0.038	=	
MDSS9012	F5D060403	Plutonium-239/240	0	0	0.02	U	
MDSS9012	F5D060403	Thorium-228	0.59	0.13	0.03	=	
MDSS9012	F5D060403	Thorium-230	0.9	0.17	0.03	=	
MDSS9012	F5D060403	Thorium-232	0.54	0.12	0.01	=	
MDSS9013	F5D060403	Plutonium-238	0.255	0.076	0.028	=	
MDSS9013	F5D060403	Plutonium-239/240	0.011	0.019	0.028	UJ	T06
MDSS9013	F5D060403	Thorium-228	0.64	0.15	0.03	=	
MDSS9013	F5D060403	Thorium-230	0.74	0.17	0.03	=	
MDSS9013	F5D060403	Thorium-232	0.68	0.16	0.04	=	
MDSS9014	F5D060403	Plutonium-238	2.38	0.34	0.04	=	
MDSS9014	F5D060403	Plutonium-239/240	0.096	0.046	0.025	=	
MDSS9014	F5D060403	Thorium-228	0.99	0.2	0.04	=	
MDSS9014	F5D060403	Thorium-230	0.88	0.19	0.03	=	
MDSS9014	F5D060403	Thorium-232	0.81	0.17	0.03	=	
MDSS9015	F5D250160	Plutonium-238	2.32	0.22	0.03	=	
MDSS9015	F5D250160	Plutonium-239/240	0.018	0.014	0.015	J	T04
MDSS9015	F5D250160	Thorium-228	0.426	0.082	0.036	=	
MDSS9015	F5D250160	Thorium-230	0.71	0.11	0.02	=	
MDSS9015	F5D250160	Thorium-232	0.356	0.071	0.016	=	

SDG: sample designation group
MDC: minimum detactable concentration
J: estimated
U: not detected
R: rejected
= result was verified against raw data pkg.
Note: reason codes described in R&V Report

ATTACHMENT B

GENERAL MEDIA INFORMATION

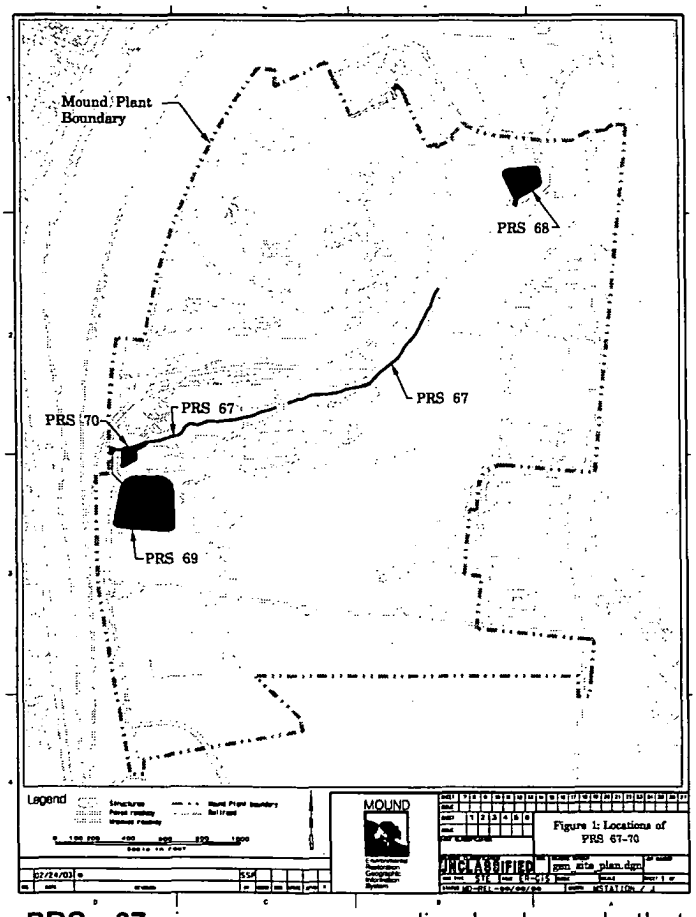
PUBLIC FACT SHEET

PRSs 67, 68, 69, & 70: Site Stormwater Drainage System

This Fact Sheet satisfies the Public Notification requirement set forth in the Contingent Action Memorandum[1].

Background. Potential Release Sites (PRSs) 67 through 70 are the primary components of the site stormwater drainage system as identified in the following table:

PRS	Description
67	Plant Drainage Ditch
68	Asphalt Lined Pond - North
69	Plant Overflow Pond - South
70	Retention Basins and Weir Basin



PRS 67 is an open, unlined channel that constitutes the primary plant drainage ditch (see Figure 1).

PRS 68 is the asphalt lined pond in the northeast corner of the site. The pond was constructed in the 1970s to receive stormwater runoff from the east central portion of the site to support reduction in suspended solids in runoff.

PRS 69 is the overflow pond and outfall pipe located at the south end of the drainage ditch. It is used to retain storm water flows, settle sediment, and support compliance with the National Pollutant Discharge Elimination System (NPDES) discharge standards for suspended solids. The pond is fed by two inlets, one being the PRS 67 drainage ditch and the other being a drainage structure (PRS 418) which was binned No Further Assessment. This PRS addresses only the stormwater sediment within the pond.

PRS 70 is also located at the south end of the drainage ditch (PRS 67) and consists of an open impoundment with earthen sides used to control the flow of water and settle sediment. The bottom is partitioned into three basins by concrete dividers. PRS 70 discharges into the weir basin. This PRS also includes the weir basin that moderates the flow so that the discharge volume can be measured.

Characterization. Several investigations have been conducted at or near the subject PRSs. Water and sediment samples have been collected and analyzed. All contaminants detected in the composited water samples were at concentrations less than applicable guideline values. The sediment sample results indicated exceedances to cleanup objectives (risk criteria), maximum results of which are presented in pCi/g in the table below.

Analyte	PRS	Maximum Result	Cleanup Objective
Plutonium-238	67	535	55
	68	257	55
	69	34	55
	70	749	55
Thorium-228	67	1.23	2.6
	68	9.44	2.6
	69	1.4	2.6
	70	1.27	2.6
Thorium-232	67	1.09	2.1
	68	0.44	2.1
	69	2.70	2.1
	70	1.57	2.1

1: Action Memorandum/Engineering Evaluation/Cost Analysis, Contingent Removal Action for Contaminated Soil, June 2002, Final
2: Standard Work Package for Contingent Removal Actions, November 2001, Final
3: Storm Water Pollution Prevention Plan

B 1/2

The maximum sample result of the only chemical found above cleanup objective is benzo(a)pyrene (8.0 mg/kg vs. 4.1 mg/kg CO). Benzo(a)pyrene is present in urban environments as a result of incomplete combustion in motor vehicles and is a component of asphalt based products. Five sample results were above the cleanup objectives; four were located within the asphalt-lined pond (PRS 68) and one at the discharge pipe from the asphalt-lined pond.

The Core Team originally recommended Further Assessment for these PRSs. Subsequently, the Department of Energy determined that a **Removal Action** (RA) per the Contingent Action Memo[1] is appropriate based on results above COs. RA COCs are Pu-238, Th-232, and isolated instances of benzo(a)pyrene.

The **Work Plan** for Contingent Removal Actions[2], supplemented by the Unique Work Package, includes procedures, instructions, and applicable permits and notifications required to safely conduct the work. Erosion and runon/runoff controls will be managed per the SWP3[3].

The RA will consist of excavation of contaminated soil and sediment in areas indicated by sample results above the cleanup objectives and shipping this soil to an approved disposal facility. Post-excavation sampling will be performed within the excavations per a Core Team-approved **Verification Sampling & Analysis Plan (VSAP)**.

Schedule. This Fact Sheet will be in public review for 30 days, ending April 29, 2004. The RA is planned to begin in late summer 2004. As currently planned, removal activities for PRSs 67-70 will not begin until all upgradient contamination has been remediated. However if the removal of upgradient contamination is not completed by the time removal activities begin in PRSs 67-70, additional precautions such as supplemental sediment and silt controls will be put in place on all upgradient projects at the project perimeters to ensure that upgradient contamination does not re-comtaminate these PRSs. Subsequent confirmatory sampling at the appropriate outfalls into the drainage system will occur to ensure cross contamination did not take place. These precautions will be further specified within the Core Team approved Removal Work Plan and Verification Sampling Plan. A summary of the RA & the verification data will be included in the On-Scene Coordinator (OSC) Report. The OSC Report will be placed in the public reading room after the conclusion of the verification sampling and approval by the Core Team.

Expected excavation of approximately 3220 yd^3 (2460 m^3) with possible maximum excavation of 8730 yd^3 (6675 m^3) and verification are expected to cost less than $500,000.

Additional information can be found in the public reading room, or by contacting Danny Punch at 847-8350 extension 301.

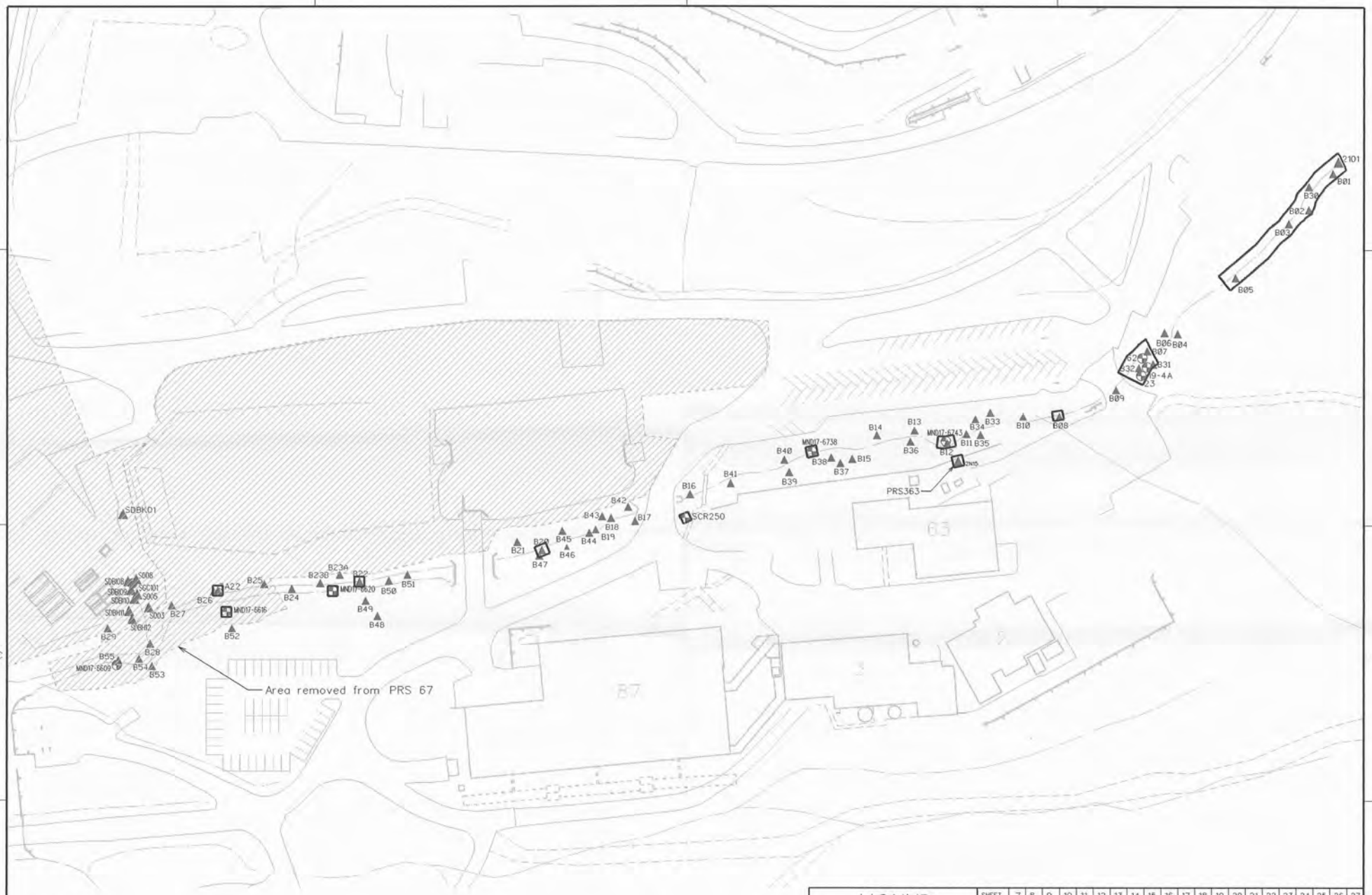
1: Action Memorandum/Engineering Evaluation/Cost Analysis, Contingent Removal Action for Contaminated Soil, June 2002, Final
2: Standard Work Package for Contingent Removal Actions, November 2001, Final
3: Storm Water Pollution Prevention Plan

ATTACHMENT C

PHOTOGRAPH DOCUMENTATION

PRS 67photos

C1/1


Area removed from PRS 67
PRS363
SCR250
SDBK01
MND17-6616
MND17-6620
MND17-6738
MND17-6743
MND17-5609
B01
B02
B03
B05
B06
B07
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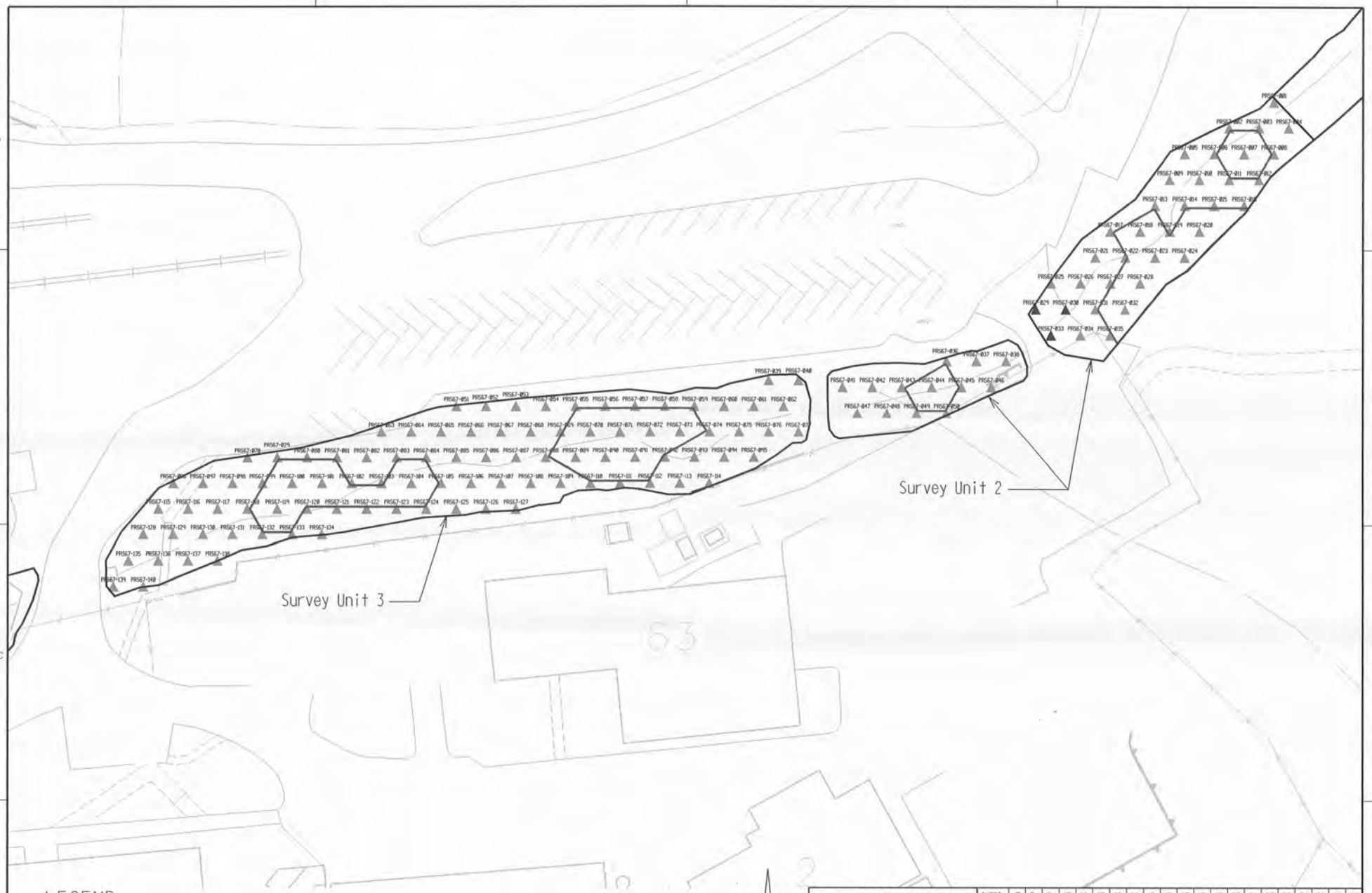
B46
B47
B48
B49
B50
B51
B52
B53
B54
B55
2101
63
67
LEGEND
Excavated Boundaries
Historic & OEPA Sample Locations > CO
OEPA Sample Locations < CO
0 25 50 100 150 200 250
Scale in Feet
N
MOUND
Environmental Restoration Geographic Information System
FIGURE 2
PRS 67 HISTORIC AND EPA SAMPLE LOCATIONS WITH RESULTING EXCAVATIONS
UNCLASSIFIED
first_samp_event.dgn
DWG TYPE STE
PRMG ER-GIS
SCALE Graphic
SHEET 1 OF 1
STATUS MD-REL.08/01/05
ORIGIN MSTATION / J
A 08/01/05 Issue for report KRW*



LEGEND

- ▲ Scan Surrogate Locations (no soil)
- ▲ Scan Surrogate Sample Locations (soils)
- ▭ Excavated Boundary
- ▭ PRS 67 Verification Limits

0 20 40 60 80 100
Scale in Feet

ISS	DATE	REVISION	BY	CHKR	ENG	LP&EC	APVD	M
A	08/01/05	Issue for report	KRW*				*	

MOUND
Environmental Restoration Geographic Information System

SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					

SHEET	1	2	3	4	5	6
ISSUE	A					

PART CLASSIFICATION

FIGURE 3
PRS 67 SCAN SURROGATE SAMPLES WITH RESULTING EXCAVATIONS

DRAWING CLASSIFICATION: **UNCLASSIFIED**
SIZE
DRAWING NUMBER: second_samp_event_comp.dgn
JOB NUMBER: *
DWG TYPE: STE | PRMC: ER-GIS | CAGEC | SCALE: Graphic | SHEET 1 OF 1
STATUS: MD-REL-08/01/05 | ORIGIN: MSTATION / J

LEGEND

- ▲ Verification sample Locations
- □ Original PRS 67 verification Limits
- □ Excavated Boundary
- ▲ Hard Surface Swipes/Scan Locations

0 25 50 100 150 200 250
Scale in Feet

ISS	DATE	REVISION	BY	CHKR	ENG	LP&EC	APVD	M
A	08/01/05	Issue for report	KRW*				*	

MOUND

Environmental Restoration Geographic Information System

SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					

SHEET	1	2	3	4	5	6
ISSUE	A					

PART CLASSIFICATION

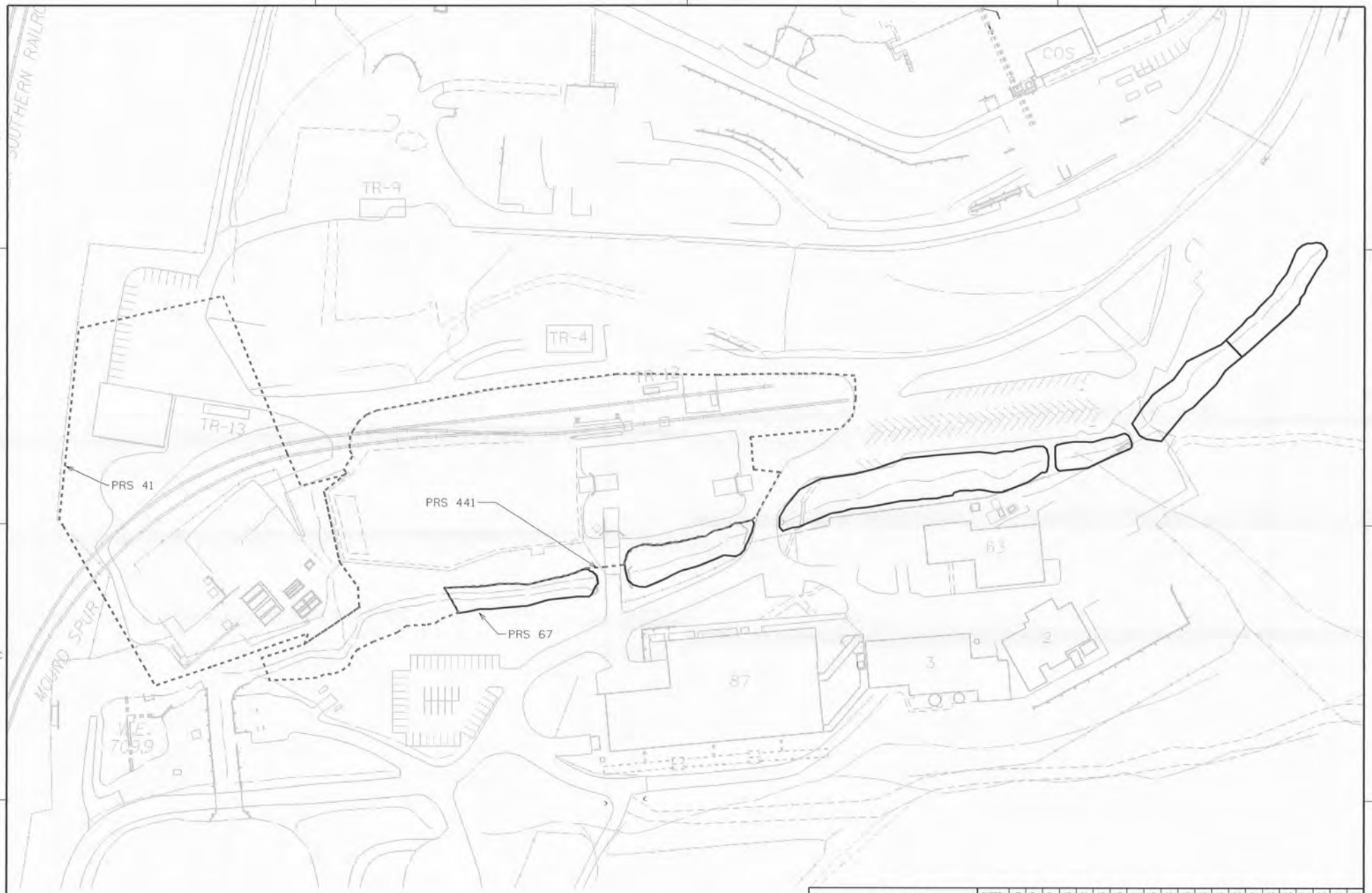
FIGURE 4
PRS 67
VERIFICATION SAMPLES
WITH RESULTING EXCAVATION

DRAWING CLASSIFICATION: **UNCLASSIFIED**

SIZE | DRAWING NUMBER: third_samp_event_comp.dgn | JOB NUMBER: *

DWG TYPE: STE | PRMG: ER-GIS | CAGEC | SCALE: Graphic | SHEET 1 OF 1

STATUS: MD-REL-08/01/05 | ORIGIN: MSTATION / J



LEGEND

- PRS 67 Verification Limits
- PRS Boundaries

0 25 50 100 150 200 250
Scale in Feet

ISS	DATE	REVISION	BY	CHKR	ENG	LP&EC	APVD	M
A	08/01/05	Issue for report	KRW	*			*	

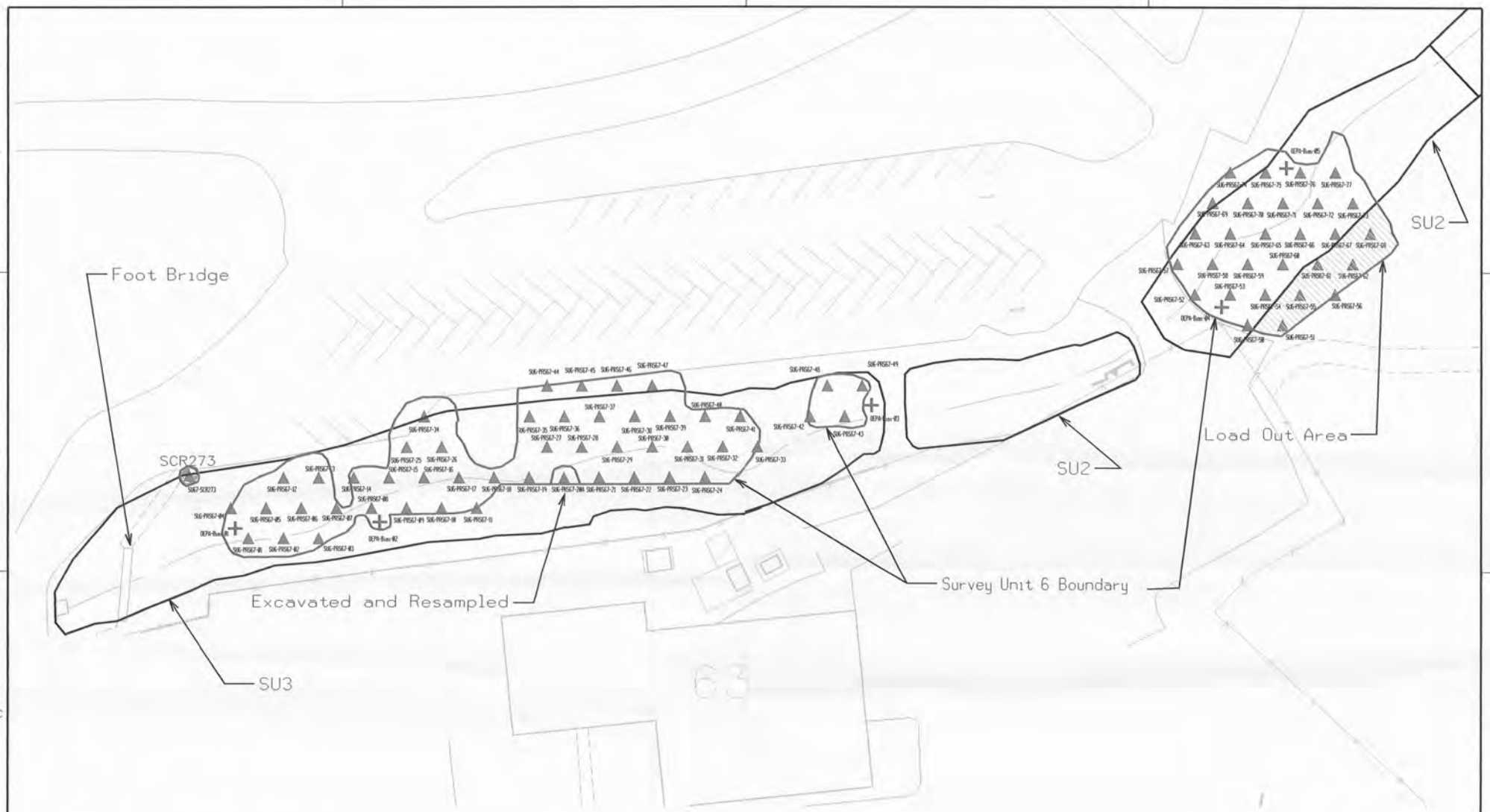
MOUND
Environmental Restoration Geographic Information System

SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					
SHEET	1	2	3	4	5	6															
ISSUE	A																				

PART CLASSIFICATION

FIGURE 5
PRS 67
NEW BOUNDARIES DEFINED

DRAWING CLASSIFICATION: **UNCLASSIFIED**
SIZE
DRAWING NUMBER: new_boundary_defined.dgn
JOB NUMBER: *
DWG TYPE: STE | PRMG: ER-GIS | CAGEC | SCALE: Graphic | SHEET 1 OF 1
STATUS: MD-REL-08/01/05 | ORIGIN: MSTATION / J



LEGEND

▲ Verification Sample

Borehole

+ OEPA Bias

☐ Previously Excavated

SU6 Excavated Area 13762 Sq. Ft.

0 10 20 40 60 80 100
Scale in Feet

MOUND
Environmental Restoration Geographic Information System

SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					

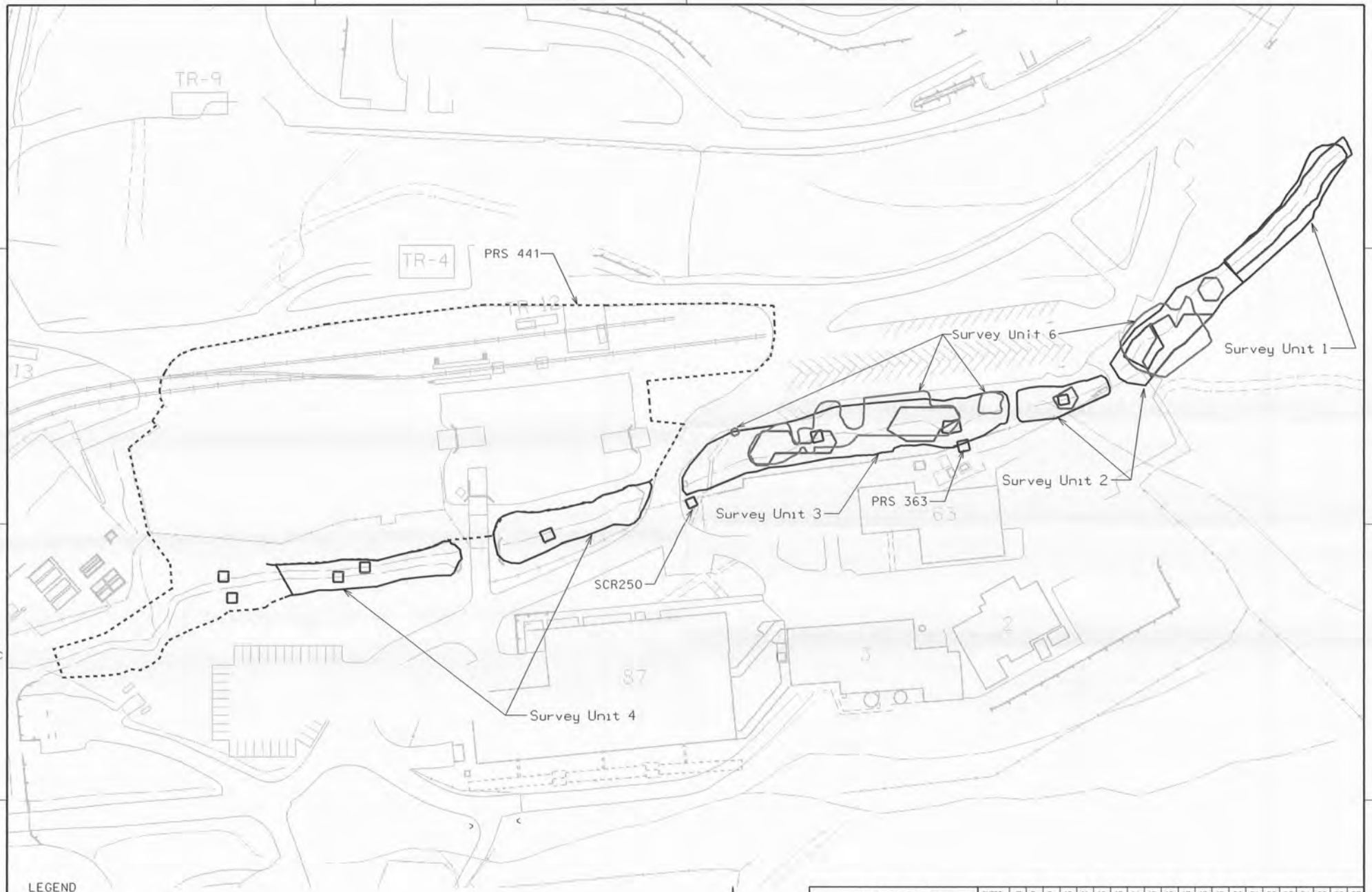
SHEET	1	2	3	4	5	6
ISSUE	A					

PART CLASSIFICATION

FIGURE 6
PRS 67 SU - 6
VERIFICATION SAMPLE LOCATIONS

DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE
DRAWING NUMBER: fourth_samp_event.dgn
JOB NUMBER: *
DWG TYPE: STE | PRMG: ER-GIS | CAGEC | SCALE: Graphic | SHEET 1 OF 1
STATUS: MD-REL-06/28/05 | ORIGIN: MSTATION / J

ISS	DATE	REVISION	BY	CHKR	ENG	LP&EC	APVD	M
A	06/28/05	Issue for Sampling	KRW	*			*	



LEGEND

- PRS 441 Redefined Boundary
- PRS 67 Final Verification Limits
- First RA Boundary
- Second RA Boundary
- Third RA Boundary

0 25 50 100 150 200 250
Scale in Feet

ISS	DATE	REVISION	BY	CHKR	ENG	LP&EC	APVD	M
A	08/01/05	Issue for report	KRW*				*	

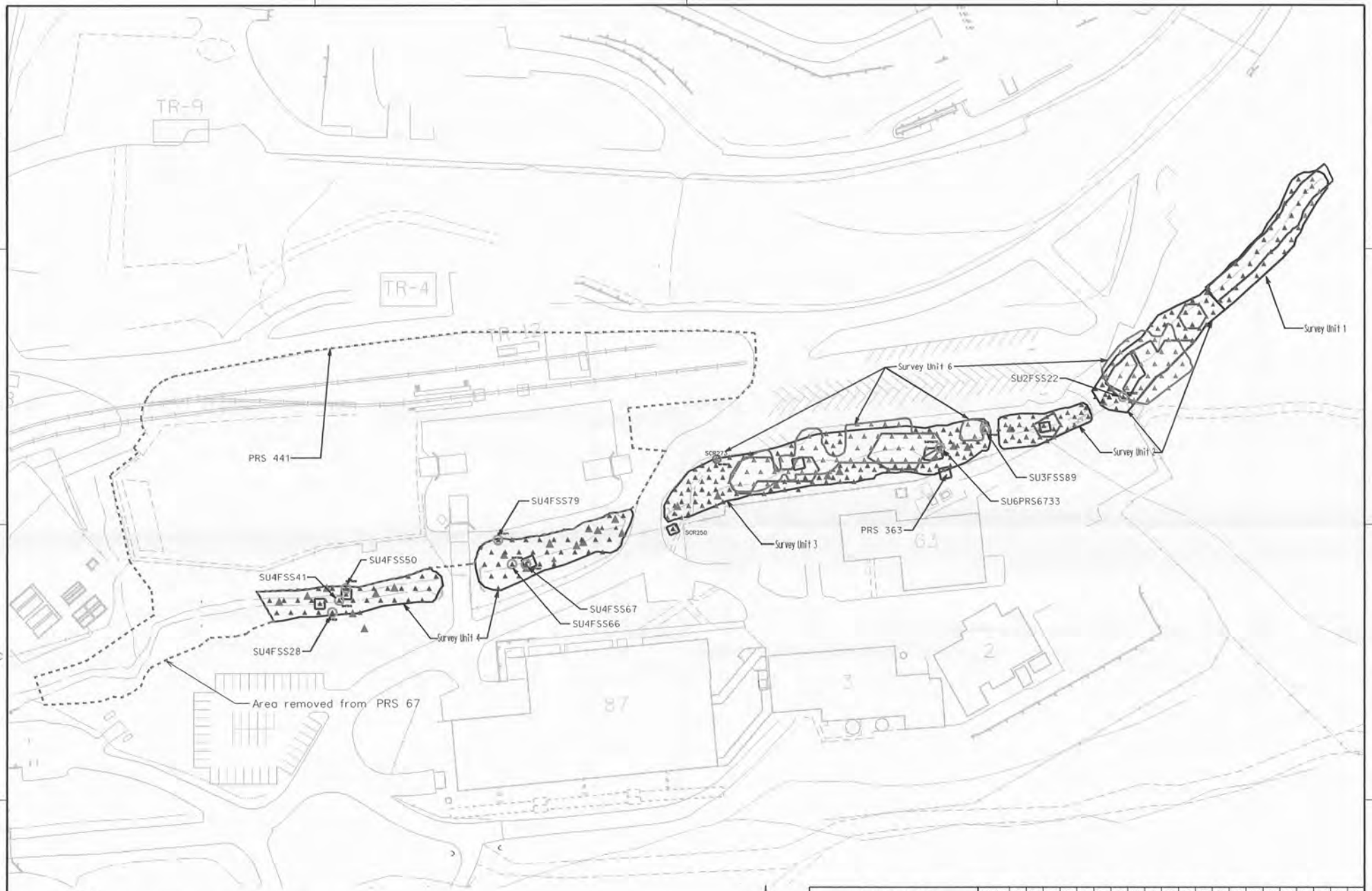
MOUND
Environmental Restoration Geographic Information System

SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					
SHEET	1	2	3	4	5	6															
ISSUE	A																				

PART CLASSIFICATION

FIGURE 7
PRS 67
ALL EXCAVATED AREAS

DRAWING CLASSIFICATION: UNCLASSIFIED
SIZE
DRAWING NUMBER: all_dig_boundaryies.dgn
JOB NUMBER: *
DWG TYPE: STE
PRMG: ER-GIS
CAGEC
SCALE: Graphic
SHEET 1 OF 1
STATUS: MD-REL-08/01/05
ORIGIN: MSTATION / J



LEGEND

- First Sample Event
- Second Sample Event
- Third Sample Event
- Fourth Sample Event
- First RA Boundary
- Second RA Boundary
- Third RA Boundary
- PRS 441 Boundary
- Verification Boundary
- Results Greater Than Cleanup But Below Hot Spot
- Hard Surface Swipes/Scan Location

NOTE:
Sample Locations With Results Above CO are Bounded By FIDLER Walkover Survey (or scan surrogate sampling)

0 25 50 100 150 200 250
Scale in Feet

ISS	DATE	REVISION	BY	CHKR	ENG	LP&EC	APVD	M
A	08/01/05	Issue for report	KRW	*			*	

MOUND
Environmental Restoration Geographic Information System

SHEET	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
ISSUE																					
SHEET	1	2	3	4	5	6															
ISSUE	A																				

PART CLASSIFICATION

FIGURE 8
PRS 67
"as left" SAMPLE LOCATIONS
AND OVERLAY OF EXCAVATED AREAS

DRAWING CLASSIFICATION: **UNCLASSIFIED**
SIZE
DRAWING NUMBER: prs67_composite.dgn
JOB NUMBER: *
DWG TYPE: STE | PRMG: ER-GIS | CAGEC | SCALE: Graphic | SHEET 1 OF 1
STATUS: MD-REL-08/01/05 | ORIGIN: MSTATION / J