



Department of Energy

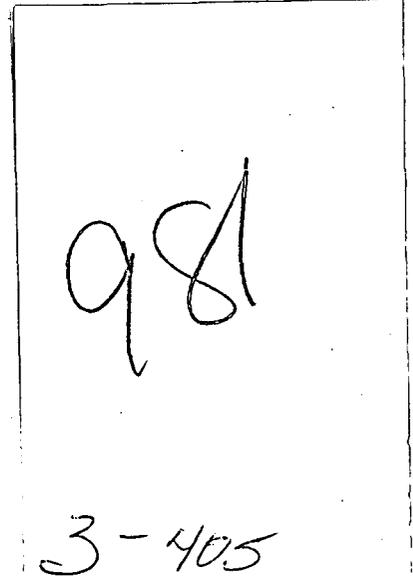
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SEP 10 1997

DOE-1362-97



**Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590**

**Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911**

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF FINAL OPERABLE UNIT 3 PLANT 4 PROJECT COMPLETION REPORT

Reference: Letter, J.A. Saric to J.W. Reising, "Building 4A Completion Report," dated August 12, 1997.

The purpose of this letter is to transmit to the U.S. Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (OEPA) the enclosed final version of the Operable Unit 3 (OU3) Building 4A Complex Project Completion Report. The report incorporates all revisions approved by the U.S. EPA and OEPA through comment responses submitted in April 1997.

If you or your staff have any questions, please contact John Trygier at (513) 648-3154.

Sincerely,

**Johnny W. Reising
Fernald Remedial Action
Project Manager**

FEMP:Trygier

Enclosure: As Stated

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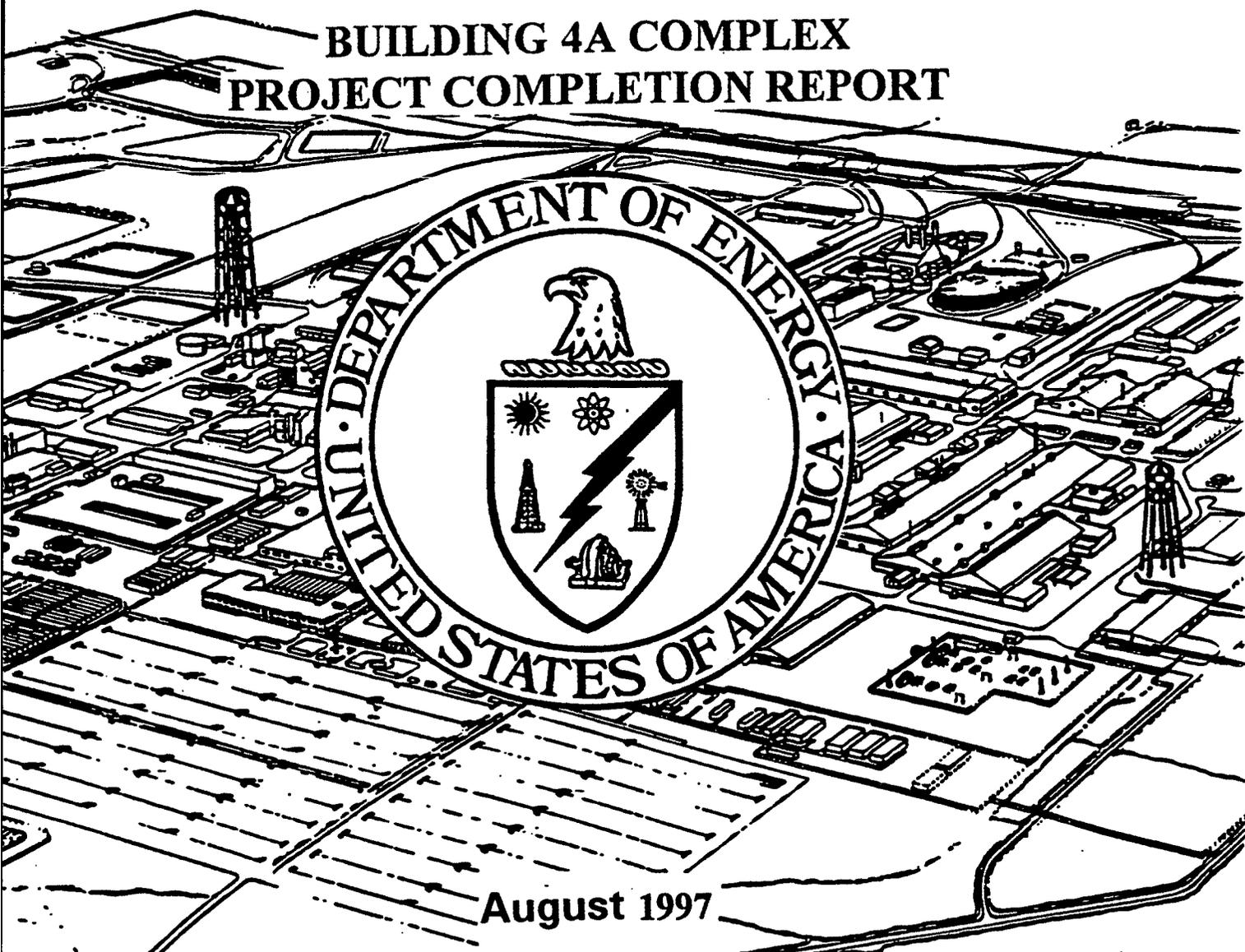
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OPERABLE UNIT 3

BUILDING 4A COMPLEX PROJECT COMPLETION REPORT



August 1997

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
FERNALD, OHIO

U.S. DEPARTMENT OF ENERGY
FERNALD AREA OFFICE

FINAL
REV. 1

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OPERABLE UNIT 3

BUILDING 4A COMPLEX PROJECT COMPLETION REPORT



AUGUST 1997

Revision 1

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

FERNALD, OHIO

U.S. DEPARTMENT OF ENERGY

FERNALD AREA OFFICE

FINAL

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ACRONYMS AND ABBREVIATIONS

ACM	Asbestos Containing Material
AMS	Air Monitoring Station (site boundary)
BATF	Bureau of Alcohol, Tobacco and Firearms
Ci/ml	Curie per milliliter
D&D	decontamination and deconstruction
DCG	Derived Concentration Guides
DCN(s)	Design Change Notice
dpm	disintegrations per minute
DOE	Department of Energy
FEMP	Fernald Environmental Monitoring Project
HEPA	high efficiency particulate air
NTS	Nevada Test Site
Ohio EPA	Ohio Environmental Protection Agency
OSDF	On-Site Disposal Facility
OU3	Operable Unit 3
pCi/m ³	picoCuries per cubic meter
RD/RA	Remedial Design/Remedial Action
RI/FS	Remedial Investigation/Feasibility Study
ROB	Roll-off Box
ROD	Record of Decision
SAP	Sampling and Analysis Plan
SWIFTS	Sidewide Waste Information, Forecasting, and Tracking System
SWMB(s)	small white metal box
U.S.EPA	United States Environmental Protection Agency
WAC	Waste Acceptance Criteria

1.0 INTRODUCTION

The purpose of this Project Completion (PC) Report is to closeout the above-grade decontamination and dismantlement (D&D) of Building 4A Complex in accordance with the Building 4A Implementation Plan. This activity was completed in accordance with the Operable Unit 3 (OU3) - Building 4A Implementation Plan for Above-Grade D&D Project at the Fernald Environmental Management Project (FEMP). The Building 4A Complex consists solely of Building 4A. The D&D activities began in December 1994 and continued through September 1996. The Implementation Plan activities were completed on schedule September 26, 1996. This PC Report explains the work practice changes and improvements to the Implementation Plan with an explanation as to why these changes were necessary. Subsequent to the approval of the Building 4A Implementation Plan, several key events occurred which required changes to the materials management strategy contained in the Implementation Plan. The Records of Decision (ROD) for Operable Units 2 and 5 were approved which included the construction and operation of an on-site disposal facility (OSDF) for disposition of remediation materials from the Fernald Environmental Management Project (FEMP) that meet defined waste acceptance criteria (WAC).

Additionally, the OU3 Remedial Investigation/Feasibility Study (RI/FS) and Proposed Plan were issued which provided a new material classification system and also identified on-site disposal of material meeting the WAC as the preferred alternative. The OU3 Record of Decision for Final Remedial Action finalized this decision for on-site disposal. Further, Removal Action 17 Work Plan, Revision 3 and its addendum, Improved Storage of Soil and Debris was issued to amend the material management concepts so as to be consistent with the response actions. The Interim Debris Management Plan contained in the Removal Action 17 Work Plan, Revision 3 and addendum, allows for open, bulk storage of certain categories of material and bases the storage of all material categories on their potential disposition. The U.S. Environmental Protection Agency (U.S. EPA) and the Ohio Environmental Protection Agency (Ohio EPA) concurred with open storage of Building 4A metals (Categories A, B, and D). The materials management strategy stated in the Building 4A complex Implementation Plan was revised to reflect the Removal Action 17 Work Plan, Revision 3 and addendum. The final OU3 Remedial Action Report will summarize the final disposition of the materials from this project.

1.1 Complex Description

Building 4A was located south of 2nd Street, between B and C Streets near the central portion of the former production area. Building 4A was a rectangular structure measuring 146 feet (ft.) by 194 ft. and 92 ft. high. It was constructed of structural steel enclosed by transite siding and roofing panels, and was constructed on a concrete foundation.

The processes and operations within Building 4A converted uranium trioxide (UO_3 , orange oxide) to uranium tetrafluoride (UF_4 , green salt) using a multi-step hydrofluorination process. The specific processes that were conducted in Building 4A are described in Section 3.0 of the Building 4A Implementation Plan. At- and below-grade remediation was not included in the scope of this project.

1.2 Project Chronology Summary

Table 1-1 identifies the significant work activities start and completion dates. Section 2.2 discusses the six remedial tasks in greater detail.

TABLE 1-1 - Activity Sequence

Activity	Start Date	Completion Date
FEMP Safe Shut Down Field Activities	02 MAY 94	24 MAR 96
D&D Contract Award		01 DEC 94
Subcontractor Field Activities	08 DEC 94	24 SEP 96
Mobilize Building	13 MAR 95	25 MAY 95
Remove Demolition/ Debris	09 MAY 95	04 JAN 96
Asbestos Abatement	17 MAY 95	26 JUN 95
Remove Equipment (smaller)	13 JUN 95	26 FEB 96
Remove Interior Transite	21 AUG 95	14 MAR 96
Building Clearing/Clearance Testing	12 FEB 96	11 JUN 96
Remove Roof Transite	13 JUN 96	13 AUG 96
Remove Exterior Wall Transite	17 JUN 96	15 AUG 96
Pre-demolition Activities (seal pad, cutting, shearing)	17 JUN 96	14 AUG 96
Implode Building 4A		24 AUG 96
Steel Shearing Operations	26 AUG 96	21 SEP 96
Demobilization	19 AUG 96	26 SEP 96
Construction Inspection		30 SEP 96

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2.0 REMEDIATION APPROACH

The performance specifications referenced in this report were provided to the U.S. EPA and the Ohio EPA in the Operable Unit 3 (OU3) Remedial Design/Remedial Action (RD/RA) Work Plan for Interim Remedial Action (DOE 1995). Attachment A provides a concise listing of the work practices changes to the Performance Specifications, which are called Design Change Notices (DCNs) to the Building 4A Complex Implementation Plan, and the basis for the twelve changes. In Attachment A the DCN is listed next to the Performance Specification that it affected and is followed by a listing of the Performance Specification wording changes with a Basis of Change for the Performance Specification provided.

2.1 FEMP Preparatory Activities

The Building 4A Complex Implementation Plan identified six remedial tasks to be performed prior to and during the Implementation Plan field activities. Three of the remedial tasks were completed prior to the start of the Implementation Plan field activities and are described below. The remaining three remedial tasks are described in Section 2.3.

2.1.1 Preparatory Action : Inventory Removal (Task I)

In accordance with Removal Action No. 9 - Removal of Waste Inventories, existing waste/product inventories were removed from Building 4A by FEMP waste management personnel, and transported to the interim storage facilities.

2.1.2 Preparatory Action: Safe Shutdown (Task II)

In accordance with Removal Action No. 12 - Safe Shutdown, production residual material was removed from Building 4A by FEMP personnel using Facility Shutdown Standard Operating Procedures. Safe Shutdown activities, completed prior to Implementation Plan field activities, will be included in the Removal Action No. 12 Safe Shutdown Close-out Report. Residual material was collected, containerized, and transported to the interim storage facility. Table 3-1 states that the removed residual material is awaiting shipment to NTS for disposal.

2.1.3 Hazardous Waste Management Units (Task III)

The Building 4A Implementation Plan identified two inactive Hazardous Waste Management Units (HWMUs) located in the Building 4A Complex. Both HWMUs were closed under the Resource Conservation and Recovery Act (RCRA) of 1976, as amended, independent of the Building 4A D&D Project. Acceptance of closure certification was received from Ohio EPA for HWMU No. 6, Drummed HF Residue Storage Inside Building 4A, on April 13, 1995. Acceptance of closure certification from Ohio EPA for HWMU No. 7, Drummed HF Storage Area Northwest of Building 4, was received on July 2, 1996.

2.2 Preliminary Remediation Activities

The FEMP established the areas (break room, clean room, and shower facilities) prescribed in the Mobilization Performance Specification 01515. The subcontractor prepared work plans on material handling, containerization, access/egress, construction boundaries zones as required in the Mobilization Performance Specification. These subcontractor work plans were reviewed and accepted by the FEMP. The subcontractor provided their own equipment, materials, and support trailers. The equipment was inspected by FEMP Construction Management and surveyed by FEMP radiological control technicians before being brought on-site. Job site posting of permits and health and safety plans was conducted as specified in the Mobilization Performance Specification. The subcontractor provided plans that described how adjacent facilities would be protected during D&D and how fugitive emissions would be controlled, Performance Specification 03315. The storm water protection and erosion control plans work practices were enhanced by retaining selected concrete piers until below-grade excavation is conducted.

2.3 Remediation Activities

2.3.1 Asbestos Removal (Task IV)

Asbestos removal was conducted in accordance with Performance Specification 01516 and Removal Action 26 - Asbestos Abatement.

2.3.2 Surface Decontamination (Task V)

The Building 4A structure was cleaned prior to removal of the exterior transite. Loose contamination was removed from the structural steel surfaces prior to exposing those surfaces to the environment. The cleaning process included high efficiency particulate air (HEPA) vacuuming and high pressure water washing. Fixatives/encapsulants were applied to the interior of the exterior transite and structure surfaces whenever criteria for removable contaminants could not readily be met by cleaning alone. All surface cleaning and fixative/encapsulant usage was performed in accordance with Performance Specification 01517.

To protect the environment from removable contamination being released from Building 4A, the initial submittal of Section 01517 contained job-specific performance criteria for opening of the Building 4A to the environment. The procedure was changed without changing the substance of Performance Specification 01517 which is to be protective of human health and the environment. The work practice change was two-fold:

- a. The first work practice change was "to remove equipment, material or debris from a local containment or enclosure, or to containerize, surfaces shall be free of visible process material as determined by a FERMCO representative. The definition of visible process material is: visible process residues (green salt, yellow cake, etc.) on the interior or exterior surfaces of materials that is obvious to the eye and that if rubbed, would be easily removed. Stains, rust corrosion, and flaking do NOT qualify as visible process material. If an item fails visual inspection after (at least) one washing attempt (where applicable), the equipment/material/debris shall be encapsulated, sealed, wrapped, and placed outside the building for placement on pallets located at the container queuing area. The subcontractor shall supply and secure a cover (tarp, etc.) over the equipment/material placed on the pallet. All equipment, material, and debris are still considered to be radiologically contaminated." This work practice change reduced worker exposure and the requirement to wrap, unwrap and survey, and rewrap obviously contaminated equipment, material and debris prior to containerizing these items.

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- b. The second work practice change provided that, "... all non-porous surfaces (such as structural steel or steel decking) within the structure shall be below 10,000 [disintegrations per 100 square centimeters] dpm/100 cm² for total (sum of alpha and beta-gamma) removable radiological contamination and all above-grade porous surfaces (such as concrete decking and wood) shall be below 1,000 dpm/100 cm² beta-gamma removable and 5,000 dpm/100 cm² beta-gamma fixed radiological contamination." This change to surveying/scanning equipment and materials prior to removing it from containment, reduced worker radiological exposure. The above radiological criteria and levels were achieved during the Building 4A D&D.

2.3.3 Above-Grade Dismantlement (Task VI)

Bulk removal operations, interior and exterior equipment removal, interior panel removal, exterior transite removal, and structural steel removal and their related support activities (lifting and rigging; ventilation; and, containment) were conducted in accordance with Performance Specifications 03315, 05126, 07415, 14955, 15065 and 15066. Cutting operations were performed by the remediation subcontractor within the project boundaries.

The Concrete Removal Performance Specification 03315 was modified. Inside the footprint of Building 4A, the at-grade equipment, columns and miscellaneous foundation piers and curbs were sealed and remain intact until the below-grade removal occurs. This is to enhance storm water run-off control.

2.4 Structural Steel Demolition

The Building 4A structural steel and miscellaneous steel included the following: mezzanines, elevator shafts, crane rails, floor plate/decking, stairs, handrails, doors, and outside pipe racks. The demolition procedure consisted of four main steps, in accordance with Performance Specification 05126:

1. Preliminary: The columns for the placement of the shape charges. The lead-based paint was mechanically removed prior to cutting and the paint chips were collected and managed in accordance with Performance Specification 01120.
2. Final Preparation: Approximately 330 nonelectrical detonators of various delays were used. The ground structural column bases were laterally displaced using gelatin dynamite after the columns were severed by the cutting shape charge.
3. Implosion: Prior to the implosion, the structural steel was wet down to reduce airborne emissions. Access to the area was limited and barricades were erected to keep personnel at a safe distance in accordance with the FEMP detonation plan.
4. Shearing: Prior to shearing the steel, the area was inspected for undetonated shape charges. Undetonated charges were retrieved and properly dispositioned in accordance with internal safe work practices and the Bureau of Alcohol, Tobacco, and Firearms (BATF) guidance. Using a grapple, the sheared steel was stacked on the Building 4 Pad. The maximum height of the stack is ten feet. Water mist was used during shearing operations to mitigate fugitive dust.

3.0 MATERIAL HANDLING, STAGING AND INTERIM STORAGE

Changes in the material categories were made to reflect the improved material category system initiated after the Building 4A Complex Implementation Plan was written. The improved material categories define, with greater accuracy, the composition of the Building 4A material streams, provide more accurate material volumes and improved material tracking. Additionally, because the new categories provide a better description of the Building 4A material streams, more accurate disposition decisions can be achieved (i.e., off-site shipment or within the WAC for disposition in the OSDF). Table 3-1 provides a "crosswalk" from the IROD material categories used in the Building 4A Implementation Plan to the categories proposed in the November 1996 Draft Integrated RD/RA Work Plan.

3.1 Materials Management

This section describes the handling and storage of primary materials (e.g., dismantlement debris and other bulk waste materials) and secondary materials (e.g., vacuumed dust, filters, wash waters).

3.1.1 Primary Materials Management

Building 4A D&D material was segregated according to the material segregation and containerization criteria in Performance Specification O1120. There were three significant work practice changes that impacted the material handling. These changes are described below.

3.1.1.A The 48 furnaces, surrounded with refractory brick, and the two fluid beds located in Plant 4A were declared inaccessible metal, Category H4. However, it was discovered that the insulation was composed of asbestos which had contaminated the refractory brick, mineral wool and steel casing with friable asbestos. The original plan for disposition was to place each furnace, intact, into a top loading container for shipment and disposal at the NTS. Due to the condition of the asbestos contaminated refractory brick and the unavailability of NTS for disposal (at the time, NTS did not accept friable ACM) and after an evaluation of health, safety, and industrial hygiene concerns, it was determined that the furnaces would be disassembled into four basic components. The asbestos containing refractory brick and the asbestos contaminated mineral wool would be abated and placed into small white metal boxes (SWMB). These boxes would be considered Category K (friable ACM). The furnace tubes were considered to be Category H1 (process related materials) since they were similar to process piping, both in physical characteristics and potential for containing process material. The remaining metal furnace shrouds were wiped clean to remove any asbestos fibers, visually inspected for process material, then were recategorized as Category H 2(restricted use metal). With the adoption of the RI/FS material categories, the asbestos SWMBs are RI/FS material Category H (friable asbestos), the furnaces tubes were repackaged and shipped to NTS as RI/FS material Category C (process related metal), and the furnace shrouds are being bulk stored for future disposal into the OSDF as RI/FS material Category B (inaccessible metal). Disposition of the material in the OSDF would reduce transportation risks and is consistent with the OU3 ROD for Final Remedial Action. These asbestos containing materials were placed into small white metal boxes (SWMB). Final disposal will be resolved in the near future and will be reported to U.S. EPA and Ohio EPA (Attachment A, DCN #12).

3.1.1.B A second work practice was changed to follow the RI/FS material criteria, which allowed adoption of visual standards for the removal of equipment and debris from Building 4A. Radiological surveys of total fixed and removable radiological contamination were not necessary to determine the disposition of the material. Changing to the visual decontamination standard reduced worker exposure and the time needed to conduct radiological surveys. Ohio EPA reviewed the visual inspection technique in the field, on January 31, 1996, and found it to be acceptable (Attachment A, DCN #4).

3.1.1.C A third material handling work practice change involved the enriched (.95% and < 2%) uranium-contaminated process equipment and debris that was located in Building 4A. After the equipment and debris were grossly decontaminated using hand tools and vacuuming with HEPA units, an attempt was made to decontaminate this equipment using high pressure water. This process was expected to allow the equipment to be recategorized from RI/FS material Category C to RI/FS material Category B and placed in the OSDF. The high pressure wash was evaluated and determined to not be a viable alternative because the visible process residue could not be sufficiently removed. The water generated from the decontamination effort was collected, evaluated and combined with the other project decontamination water and processed through the FEMP waste water treatment system. The equipment decontamination water was evaluated for nuclear criticality. Based on the enrichment levels present and on the volume of equipment decontamination water generated from this activity no nuclear criticality concerns remained. The enriched equipment was containerized and prepared for shipment to NTS as RI/FS material Category C (Attachment A, DCN #6).

3.1.2 Secondary Materials Management

The metal construction debris (conduit, pipe, process and nonprocess equipment) was rinsed using a high pressure, low volume water wash as described in the Implementation Plan. The wastewater generated by high pressure/low volume washing of equipment and building interior was directed and collected into existing building sumps. The wastewater was pumped from the building sumps, using skid mounted pumps with a 20 micron prefilter and a 5 micron filter, into one of the three 6,500 gallon holding tanks located in a temporary diked located southwest outside Building 4A within the construction boundary zone. These holding tanks were sampled and the analysis reviewed prior to discharging the wastewater to the general sump retention basin. The water from the general sump was then pumped into Plant 8 for final treatment followed by discharge. The discharge from the FEMP wastewater treatment system is diply tested for the presence of uranium prior to discharge in accordance with the site's National Pollutant Discharge Elimination System Permit.

The combined project wastewater was sampled as described in the Project Specific Sampling plan, except for the Variance, both are included in Attachment B. Attachment B also contains the wastewater sampling data for each of the four tanks. Quality Assurance/Quality Control samples were collected in accordance with applicable project Data Quality Objectives. In addition, drums of process residue sump sludge were generated during the general release cleaning of Building 4A and are included in Table 3-1 below.

3.2 Material Handling, Staging, Interim Storage and Disposition

Except as noted in Table 3-1, the current plan for the material generated from the Building 4A D&D is for disposal in the OSDF. The inventory removed from Building 4A (1,393 drums) was transported to on-site storage locations. The following table provides a summary of the categories and volume (in cubic feet) of material generated during the Building 4A D&D project. This material is being managed in accordance with the strategy outlined in the OU3 Record of Decision for Final Remedial Action and the Removal Action 17, Work Plan, Revision 3 and addendums. The final disposition of the material will be included in the Final Remedial Action Report" as described in Section 4.5 of the draft Operable Unit 3 Integrated RD/RA Work Plan, revised March 1997.

The Sitewide Waste Information, Forecasting, and Tracking System (SWIFTS) database was used to track the material generated from the Building 4A Complex D&D activities. Attachment C contains three of the many different SWIFTS reports that can be generated. SWIFTS reports are updated daily to reflect the constantly changing storage availability, shipment, and generation activities on-site. The SWIFTS database information included with this report is only for Building 4A Complex materials, as the reports were prepared using 'generator source: Building 4A D&D' as a query parameter.

TABLE 3-1 - Material Generation Summary and RI/FS Material Category Crosswalk

IROD Material Category	OU3 RI/FS Material Category	Material Description	Weight (pounds)	Volume (ft ³) actual bulk	Location - Container Type and Quantity or Stockpile
I	A	Accessible Metal	2,994,420	97,590	Plant 4A Slab Stockpile
H2, H4	B	Inaccessible Metal	744,580 <u>166,150</u> 910,730	44,550	Plant 1 Pad Stockpile 0007 - 3 ROBs; ¹ 0080 - 2 ROBs; 010A - 4 ROBs
H1, H3, H4	C	Process Related Metal	705,110	38,80	Shipped to NTS - 27 ISOs ²
H	D	Painted Light-gauge Metals	10,870	4,050	0007- 3 ROBs
G	D	Painted Light-gauge Metals (lead)	3,301	106	0063 - 1 (55-gal) Drum 0079 - 2 SWMBs ³
F	E	Concrete	35,960	569	0004 - 2 ROBs; 0007 - 1 ROB; 0001 - 1 SWMB;

IROD Material Category	OU3 RI/FS Material Category	Material Description	Weight (pounds)	Volume (ft ³) actual bulk	Location - Container Type and Quantity or Stockpile
K	F	Acid Brick	0	0	-----
D	G	Nonfriable Asbestos	671,160	5,593	Plant 7 West Stockpile Transite Panels
K	H	Friable Asbestos	606,312	33,875	0001- 7 ISOs & 253 SWMBs
B, C	I	Miscellaneous	334,720	21,060	010A - 7 ROBs; 0004 - 1 ROBs; 0007 - 6 ROBs; 02/3 - 6 ROBs
E	J	Product, Residues, and Special Materials (Sump Sludge)	53 - 55 gal drums	392	0079 - 53 (55 gal) Drum
E	J	Product, Residues, and Special Materials (Roof Residue)	3 -85 gal drums	35.1	0001 - 3 (85 gal) Drums
E, B	J	Product, Residues, and Special Materials (Aerosol cans)	8 -55 gal drums	60	0074 - 8 (55-gal) Drums
		Total		246,645	
O		Wash Water			approx. 42,000 gallons

¹ ROBs are Roll-off Boxes

² ISOs are shipping containers (nicknamed Sea/Lands)

³ SWMBs are Small White Metal Boxes

3.3 Environmental Monitoring

During the Interim Remedial Action, project-specific air monitoring was conducted to assess the project impact on air quality, project personnel, FEMP workers and the environment. Under the requirements of the Building 4A Implementation Plan eight continuous air monitors were to be used for the project, to supplement the sitewide air monitoring network. The number of monitors was later reduced to seven based on additional analysis, practical considerations, historical data and process knowledge. The reduction in monitors was submitted to James Saric, U.S. EPA, and Tom Schneider, Ohio EPA, in a letter from Jack Craig, DOE, dated August 7, 1995 (DOE-1245-95). Concurrence with this change was received from James Saric to Jack Craig in a letter dated September 14, 1995.

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The project-specific air monitoring locations are numbered P4-1 to P4-7 (Figure 1). In Table 3-2 the Building 4A Complex environmental air monitoring data, in picoCuries per cubic meter (pCi/m³) of total uranium, from March 31, 1995 through November 8, 1996, is summarized in Table 3-2:

TABLE 3-2 - Summary of Project Air Monitoring Data

AMS Location	Minimum pCi/m ³	Average pCi/m ³	Maximum pCi/m ³
P4-1	1.60 E-04	2.01 E-03	1.51 E-02
P4-2	2.09 E-04	4.64 E-03	8.29 E-02
P4-3	4.84 E-04	2.49 E-03	1.94 E-02
P4-4	4.42 E-04	4.76 E-03	4.04 E-02
P4-5	6.70 E-04	1.45 E-02	1.51 E-01
P4-6	2.32 E-04	3.16 E-03	3.29 E-02
P4-7	8.48 E-05	3.94 E-03	3.08 E-02

The airborne radiological activity, from August 9 to August 23, 1996, D&D work activities included precutting structural beams with acetylene torches in preparation for the implosion. This work increased airborne radiological activity detected by the Building 4A project-specific air samplers.

Additionally, during the sampling period August 21 to August 27, 1996, following the Building 4A implosion (August 24, 1996), five of the nine site boundary air monitoring stations (AMS) indicated year-to-date maximum values. At AMS-1B the highest maximum value was 0.0013 pCi/m³, Attachment D. However, this maximum value recorded is well below the FEMP administrative (internal) action level of 0.1 pCi/m³. The Department of Energy (DOE) Order 5400.5 limit at the boundary fence line, for all pathways, is 100 milliRem/year. Chapter III of this Order, Derived Concentration Guides (DCG) for Air and Water, identifies the U-Natural inhalation DCG as 1×10^{-13} Curie per milliliter (Ci/ml), which equates to 0.1 pCi/m³ per year. Attachment D contains a diagram of the site boundary air monitoring locations, including AMS 1B; baseline project summary airborne uranium data; and graphs of air emission data from March 31, 1995 through November 8, 1996. In the Draft final Integrated Environmental Monitoring Project, dated March 1997, Figure 6-3 shows site boundary monitor AMS 1-B.

Plant 4 Air Monitor Locations

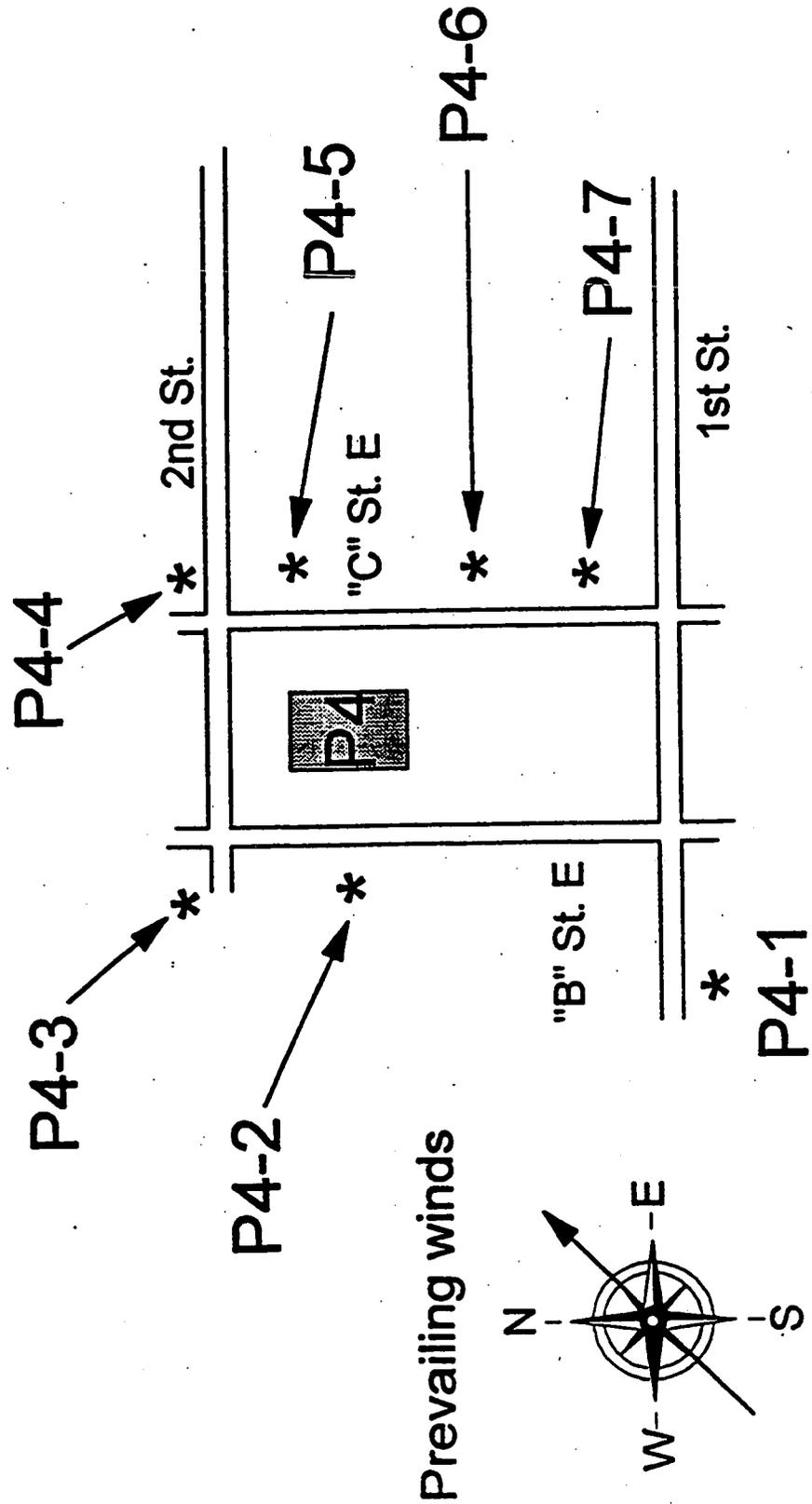


FIGURE 3-1 - Building 4A Complex Project-Specific Air Monitoring System Locations

4.0 LESSONS LEARNED

During the Building 4 D&D project twelve DCNs were prepared to document the enhanced work practices. Below are significant Work Practices Improvements/Lessons Learned that were identified:

1. During the removal of roof transite on Building 4A, a residue material was encountered between layers of roofing material that exhibited radioactivity. This material was not anticipated and required a quick turnaround lab analyses to determine the nature of the material. Work was halted. The analysis indicated that the residues were uranium fluorides. The material was collected in 55-gallon drums, handled and stored safely and in a manner protective of the environment. Workers on future D&D activities will be cautioned to assume that all hidden surfaces might contain contamination and should be surveyed in advance to assist in job planning.
2. Following implosion, shearing operations and the general vehicle activity in the work zone resulted in higher job perimeter radiological monitor readings during the project (Plant 7 D&D exhibited a similar pattern). Sufficient use of dust control (water mist) mitigated the ambient levels of contaminants to acceptable levels.
3. One significant safety accident on the Building 4A roof reinforced the value of the present lanyard/safety harness system mandated for use on the job. One worker fell through the roof to the inside of Building 4A, and due to the design of the system and harness safety equipment, he was unharmed.
4. The Building 4A Implementation Plan activities were conducted in accordance with the Sitewide CERCLA Quality Assurance Project Plan and site procedures which assisted in the prompt sampling and analysis in dealing with the roof residue.

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5.0 SUMMARY

This Remedial Action Report for Building 4A Complex documents that the above-grade portions of Building 4A were decontaminated and dismantled in accordance with the OU3 - Building 4A Implementation Plan for the Above-Grade Decontamination and Dismantlement Project at the Fernald Environmental Management Project. The Lessons Learned are in accordance with the revised strategies presented in the OU3 RI/FS and Removal Action 17 Work Plan, Revision 3 and its addendum. This PC Report was prepared in the format described in the OU3 RD/RA Work Plan for Interim Remedial Action.

The Remedial Tasks identified in the Implementation Plan 1) Inventory Removal, 2) Safe Shutdown, 3) Hazardous Material Treatment Units, 4) Asbestos Removal, 5) Surface Decontamination, and 6) Above-Grade Dismantlement; were successfully completed in a safe and environmentally sound manner, on schedule. Work practice modifications to the Implementation Plan are also noted. The material handling procedures, material volumes and storage locations are also provided. The Project-Specific Air Monitoring significant data were provided and discussed. The Lessons Learned Section identifies specific actions to improve future Implementation Plan field activities.

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ATTACHMENT A

This Attachment provides a listing of the Building 4A Complex Design Change Notices (DCNs). This Attachment provides a concise listing of changes to the decontamination and dismantlement (D&D) strategy and the reasons for the changes. The DCN is listed next to the Performance Specification that it affected, followed by a listing of the Specification section word changes and the Basis for Change. It should be noted that the changes were made to the Building 4 D&D Performance Specifications, dated July 1994.

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Design Change Notice #	Specification Changed	Change Description	Basis for Change
1 Rev.0	01517, Part 1.8 01120, Appendix A	<p>In addition to identified pieces of equipment [a list of equipment is attached to the DCN], any piece of other equipment or debris that does not meet the clean criteria stated in Specification 01517, Article 1.8 after 2 attempts with high pressure wash, will also be placed into a large white metal box or top loading ISO container inside of Plant 4 by the subcontractor.</p> <p>Table of Material, Segregation and Containerization Criteria change in preferred containers.</p>	<p>Waste Management Limits the number of times the Subcontractor attempts decontamination on a piece of equipment. This then limits the amount of water contaminated from the cleaning of enriched (\geq .95%) residue. This also serves as a personnel safe guard to limit accumulating quantities of enriched sediments in anyone container.</p> <p>Loading the equipment in Building 4A reduced the number of times the equipment was handled and ensured that the equipment was not exposed to wind or rain in the environment.</p>
2 Rev. 0	Fire & Radiation Riser Diagram	Relocate pole 18 feet west and 47 feet south of existing coordinates per drawing 93X-5900-E-00653.	<p>Ease of Installation Relocate the electrical pole to a more suitable installation location. The original location was on a 10 inch concrete slab. The new location was on gravel.</p>
3 Rev. 0	Fire & Radiation Riser Diagram	Install a 45', class 2, utility pole at coordinates, measurements to be field verified. To permit installation of aerial cable to building 71. Approximate span of aerial cable is 150' per drawing 93X-5900-E-00653..	Corrects drawing for DCN 2, Rev. 0.
4 Rev. 0	15066, 3.1.A	Insert sentence: Subcontractor shall seal openings of Category H-2 items after verification inspection by a FERMCO representative prior to movement from the immediate removal area. If a Category H-2 item fails inspection, that item shall be deemed a Category H-1 item and dispositioned appropriately.	<p>Clarifies Waste Handling Criteria Serves as guidance for segregating specific waste streams from the dismantlement of Building 4A, for the purposes of meeting interim storage requirements and preparing materials for potential on-property and off-property disposal. Total and removable contamination levels are not necessary for disposition decisions.</p>

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Design Change Notice #	Specification Changed	Change Description	Basis for Change
4 Rev. 0 (continued)	15065, 3.1.A.1.c 15065, 3.1.A.2.c 15065, 3.1.A.3.c 01120, 3.2.B 01517, 1.8.A 01517, Appendix A	Insert sentence at end of each section: Subcontractor shall seal openings of Category H items after verification inspection by a FERMCO representative and after cleaning. Waste materials to be containerized into waste containers and sealed within a local containment area or building enclosure will require decontamination per Section 01517 of this specification package. Delete and replace with: "For the purpose of removal from local containment or enclosure, or containerizing into roll-off boxes, surfaces shall be free of visible process material as determined by a FERMCO representative." Definition of visible process material is: Visible process residues (green salt, yellow cake, etc.) On the interior or exterior surfaces of materials that is obvious to the eye and that if rubbed would be easily removed. Stains, rust, corrosion, and flaking do NOT qualify as visible process material. The material is still considered to be radiologically contaminated. Delete	Clarifies Waste Handling Criteria Determining total and removable contamination levels are not necessary for disposition decisions. Therefore visual inspections were used in lieu of radiological instrument surveys. Serves as guidance for segregating specific waste streams from the dismantlement of Building 4A, for the purposes of meeting interim storage requirements and preparing materials for potential on-property and off-property disposal.
5 Rev.0	01120, 3.1.D.3 01120, 3.1.D.4 01120, 3.1.D.5	Delete Delete Insert at end of sentence: "with clamping devices, pins or other FERMCO approved method."	Realigns Subcontractor and FDF Responsibilities Container preparation of large metal boxes is the responsibility of FDF personnel. This change removes the Subcontractor requirements on container preparation and provides a method to return filled containers.

Design Change Notice #	Specification Changed	Change Description	Basis for Change
6 Rev.0	01517, 2.1.B.2 01517, 2.1.B.3	<p>Add this phrase to the beginning of the first sentence: "For the washing of all equipment/material suspected or containing less than or equal to 1% ($\leq 1\%$) enrichment,"... the subcontractor shall supply</p> <p>Add "For the washing of equipment/material suspected or containing greater than 1% ($> 1\%$) but less than or equal to 1.25% ($\leq 1.25\%$) enrichment, in accordance with the list attached to DCN 1618-001, the subcontractor shall supply effluent storage tanks and secondary containment with a minimum liquid effluent storage capacity to allow 15 calendar days storage with out impacting the subcontractor operations. NO one individual effluent storage tank shall have a capacity greater than 175 gallons and must be placed a minimum of 2 feet apart. FERMCO will perform effluent sampling. After approval from FERMCO CCM, the subcontractor shall transport the liquid effluent to Plant 8 sump and pump the liquid effluent into the Plant 8 sump. The subcontractor shall store sludge, resulting from washing, in 55 gallon drums (supplied by FERMCO) at a maximum of 1300 pounds of Uranium. The filled drums will be stored at a minimum of 2 feet apart in a designated area approved by FERMCO. Filled drums will be sampled by FERMCO (for concentration and enrichment). After approval from the FERMCO CCM, the subcontractor shall transport the drums to the queuing area.</p>	<p>Waste Minimization The potential to decontaminate enriched ($\geq .95\%$) equipment and debris was identified during the Building 4A dismantlement. The decontamination could permit management of this equipment and debris in the on-site disposal facility (OSDF) instead of shipping the equipment and debris to Nevada Testing Site.</p> <p>The balance of the DCN deals with the management of the decontamination water generated.</p>

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Design Change Notice #	Specification Changed	Change Description	Basis for Change
6 Rev.0 (continued)	01517, 2.1.B.4	<p>Add "For the washing of equipment/material suspected or containing greater than 1.25% (> 1.125%) and less or equal to 2% ($\leq 2\%$) enrichment, in accordance with the list attached to DCN 1618-001, the subcontractor shall supply effluent storage tanks and secondary containment with a minimum liquid effluent storage capacity to allow 15 calendar days storage without impacting the subcontractor operations. NO one individual effluent storage tank shall have a capacity greater than 30 gallons and must be placed a minimum of 2 feet apart. FERMCO will perform effluent sampling. After approval from FERMCO CCM, the subcontractor shall store sludge, resulting from washing, in 55 gallon drums (supplied by FERMCO) at a maximum of 252 pounds of Uranium. The filled drums will be stored at a minimum of 2 feet apart in a designated storage area approved by FERMCO. Filled drums will be sampled by FERMCO (for concentration and enrichment). After approval from the FERMCO CCM, the subcontractor shall transport the drums to the queuing area.</p>	<p>Waste Minimization The potential to decontaminate enriched ($\geq .95\%$) equipment and debris was identified during the Building 4A dismantlement. The decontamination could permit management of this equipment and debris in the on-site disposal facility (OSDF) instead of shipping the equipment and debris to Nevada Testing Site.</p> <p>The balance of the DCN deals with the management of the decontamination water generated.</p>
	01517, 3.2.F	<p>Insert at the end of the sentence: "as long as it does not exceed the capacity (gallons) for effluent storage or sludge mass (pounds) restrictions described in Section 01517 2.1.B.2, 2.1.B.3, and 2.1.B.4."</p>	
	01517, 3.2.G	<p>Replace the second sentence of this subpart to read, "Sludge and effluent shall be containerized according to the requirements contained in section 01517 2.1.B.2, 2.1.B.3, and 2.1.B.4."</p>	

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Design Change Notice #	Specification Changed	Change Description	Basis for Change
7 Rev.0 (continued)	01517, 1.8.A	<p>Delete and replace with: "1.8.A.1 To remove equipment, material or debris from a local containment or enclosure, or to containerize, surfaces shall be free of visible process material as determined by a FERMCO representative. The definition of visible process material is: visible process residues (green salt, yellow cake, etc.) On the interior or exterior surfaces of materials that is obvious to the eye and that if rubbed, would be easily removed. Stains, rust corrosion, and flaking do NOT qualify as visible process material. If an item fails visual inspection after (at least) one washing attempt (where applicable), the equipment/material/debris shall be encapsulated, sealed, wrapped, and placed outside the building for placement on pallets located at the container queuing area. The subcontractor shall supply and secure a cover (tarp, etc.) Over the equipment/material placed on the pallet. All equipment, material, and debris are still considered to be radiologically contaminated.</p> <p>1.8.A.2 Prior to removing the exterior siding of a structure or prior to demolishing a structure where the exterior siding is not removed, all non-porous surfaces (structural steel, steel decking) within the structure shall be below 10,000 dpm/100 cm² for total (sum of alpha and beta/gamma) removable radiological contamination and below 5,000 dpm/100cm² beta-gamma removable radiological contamination; and all above-grade porous surfaces (such as concrete decking and wood) shall be below 1,000 dpm/100 cm² beta-gamma removable and 5,000 dpm/100 cm² beta-gamma fixed radiological contamination."</p>	<p>Streamline Work Practices Prior to removing the exterior siding radiological surveying is required. The FDF requirement for surveying/scanning equipment and materials prior to exiting the containment of the building was modified since the requirement was not more protective of the environment and decreased worker radiological exposure.</p>

Design Change Notice #	Specification Changed	Change Description	Basis for Change
12 Rev. 0	01120, Appendix A	Revise table to show: 1) Refractory Brick is to be placed in small white metal boxes. 2) Asbestos Block (refractory-friable ACM) will be placed into small white metal boxes. 3) Mineral wool is considered to be friable ACM and will go into a small white metal box. 4) Furnace shroud should replace furnaces w/o refractory under Type H and be placed into a roll-off box. 5) Furnace tubes should be listed as a separate item under Type H and be placed into a roll-box.	Clarify Waste Handling Criteria The waste handling criteria described in Specification 01120 needed to be coordinated with the waste handling criteria listed in the Building 4A Furnace Disassembly plan.

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ATTACHMENT B

This Attachment is the Building 4A D&D Project Specific Decontamination Water Sampling Plan and analytical results.

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PROJECT SPECIFIC PLAN
FOR
PLANT 4 DISMANTLING - DECONTAMINATION WATER SAMPLING
RI/FS WBS 04.112
REVISION 0

SEPTEMBER 19, 1995

Prepared by

Fernald Environmental Restoration Management Corporation

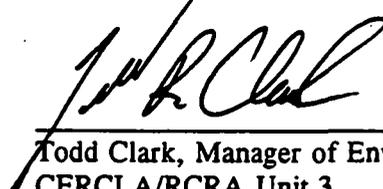
Prepared for

U.S. Department of Energy
Fernald Field Office

Under Contract DE-AC05-92OR21972

PROJECT SPECIFIC PLAN
PLANT 4 DISMANTLING - DECONTAMINATION WATER SAMPLING
RI/FS WBS 04.112, REVISION 0
SEPTEMBER 19, 1995

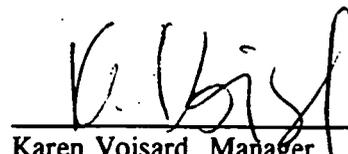
APPROVAL:



Todd Clark, Manager of Environmental Engineering 9-19-95
CERCLA/RCRA Unit 3 Date



Reinhard Friske, Project Manager 9-19-95
Performance/Quality Assurance Date



Karen Voisard, Manager 9-19-95
Environmental Programs Development Date

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A	Data Quality Objective
B	Job Safety Analysis

1.0 INTRODUCTION

1.1 PURPOSE

This Project Specific Plan (PSP) describes the field sampling activities to be performed by Environmental Technical Services (ETS) Division, Environmental Field Operations (EFO) field personnel. This PSP also identifies analyses to be performed by FEMP and contract laboratories. Sampling and Analysis shall be consistent with the SCQ and DQO WW-011, Revision 0 (Appendix A).

The Remedial Design/Remedial Action (RD/RA) Work Plan for the "Operable Unit 3 Draft Interim Remedial Action", Revision 0, March 1995, outlines the strategy for decontaminating, decommissioning and dismantling activities at Plant 4. Such planned activities will generate large volumes of waste water resulting from the washing and decontamination of various equipment to be removed from Plant 4.

1.2 SITE DESCRIPTION

Plant 4 is the former Hydrofluorination Processing Plant where Uranium Tetrafluoride was processed from Uranium Trioxide. Plant 4 is located at the north end of the block bordered by 2nd Street on the north side, 1st Street on the south side, "B" Street on the west side, and "C" Street on the east side, in the former process area. Babcock & Wilcox/Nuclear Environment Services, Inc. shall conduct dismantling and decontamination activities inside Plant 4. Waste water generated during these activities shall be temporarily stored in 4 bermed 6,500 gallon temporary storage tanks (10 feet in diameter by 12 feet high) located on the west side of Plant 4 (see Figure 1).

1.3 SCOPE

The decontamination waste water shall be sampled one tank at a time. One sample shall be collected from one of the four tanks as the tanks are filled in order to characterize the waste water for discharge into the FEMP Wastewater Treatment System. An expected total of two decontamination waste water sampling events (samples collected from two tanks) shall be conducted. Following receipt of the analytical results, additional samples may be collected at the discretion of the CERCLA/RCRA 3 (CRU 3) Project Engineer. The samples shall be analyzed for the parameters listed in Table 1-1. Trip blanks shall accompany samples for volatile organic compound (VOC) analysis.

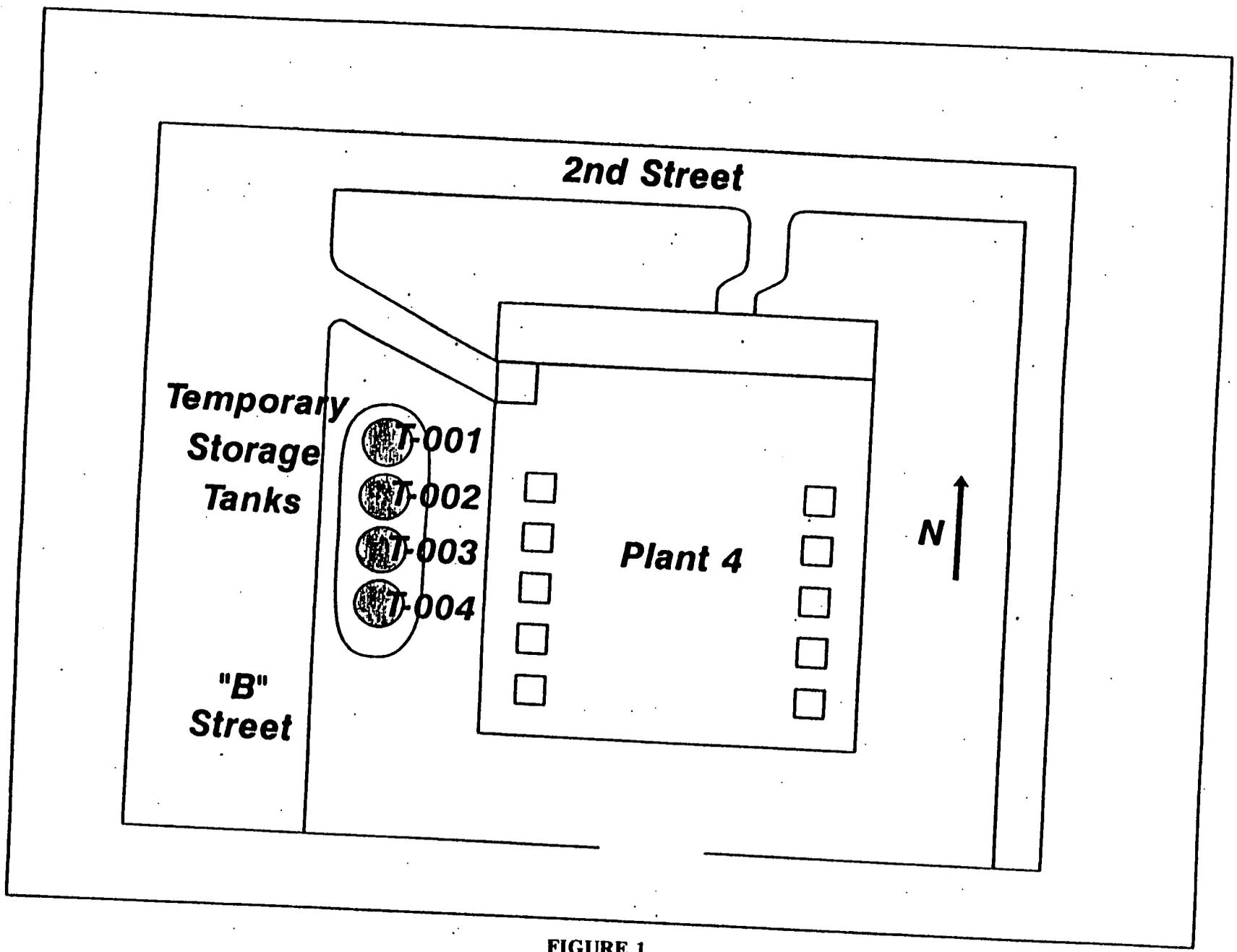


FIGURE 1

TEMPORARY STORAGE TANK LOCATION, PLANT 4

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TABLE 1-1

ANALYTICAL PROGRAM REQUIREMENTS - WASTE WATER

MEDIA/ MATRIX CODE	ANALYSIS	COC CODES ANALYSIS, UNIT, PRESERVATIVE	CONTAINER	NO. X VOL.	HOLDING TIMES	PRESERVATIVE
Decon Water M325	Total Volatiles	2300, U02, P01	amber glass	4 X 40 ml	7	Cool to 4° C
	Oil and Grease	1054, U, P08	glass	1 L	28	H ₂ SO ₄ , pH < 2 Cool to 4°C
	Total Metals*	2402, 2057, 2060, 2065, 2071, 2076, 2078, U06, P11	poly	1 X 1 L	180/28 Hg	HNO ₃ to pH < 2
	Fluoride	2045, U02, P00	poly	1 X 4 oz.	28	None
	Isotopic Uranium	2026-2029, U00, P11	glass or poly	1 X 1 L	180	HNO ₃ to pH < 2
	Total Uranium	2001, U06, P11	glass or poly	1 X 4 oz	180	HNO ₃ to pH < 2

* Total Metals include: Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, and Zinc.

** Add 1064 = "Total Petroleum Hydrocarbons" to Remarks Section.

E-SRS-04.112

Project Specific Plan
Plant 4 Dismantling - Decontamination Water Sampling, Revision 0
Date: September 14, 1995
Page 3 of 6

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GAWPSC/95-0199.A

2.0 RESPONSIBILITIES

The personnel of CRU3, Environmental Programs Development (EPD), Environmental Field Operations (EFO), and Performance/Quality Assurance (P/QA) listed below are key project personnel to the performance of this project.

TABLE 2-1

KEY PROJECT PERSONNEL

TITLE	PRIMARY	ALTERNATE
Project Engineer, CRU3	Todd Weese	Don Luken
Project Coordinator, EPD	Cliff Lee	Karen Voisard
Manager, EFO	Mike Frank	Mike Schley
Field Supervisor, EFO	Mike Schley	June Love
Project Manager, P/QA	Reinhard Friske	Harold Swiger
Project Contact, ACS	Lee Ann Stroud	Jenny Vance

3.0 SAMPLING PROGRAM

Babcock & Wilcox/Nuclear Environmental Services Inc. shall conduct dismantling and decontamination operations inside Plant 4 and pump waste water into four 6,500 gallon temporary storage tanks. The four 6,500 gallon temporary storage tanks shall be utilized for containment of the decontamination waste water and provide adequate temporary storage capacity between sampling events.

EFO Sampling Technicians shall collect waste water samples in accordance with Standard Operating Procedure EP-SMS-009 "Sediment/Sludge Sampling", Section 6.7.1 through Section 6.7.6.C., "Sediment/Sludge Sampling with a Sludge Judge". The Sludge Judge shall be lowered to the bottom of the tank and the sample shall be collected from the entire height of the tank contents. The bottom check valve of the sampling device shall be closed as the device rests on the bottom of the tank. The top of the Sludge Judge shall be above the waterline. A peristaltic pump shall then be used to pump the contents of the Sludge Judge directly into the sample containers (see Table 1-1) at the top of the tank. One additional 120 mL container of waste water shall be collected in a glass container and measured for pH using a Horiba Water Quality Meter; the pH measurement shall be recorded on the Sample Collection Log. The water for pH measurement shall then be returned to the tank from which it was collected.

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4.0 QUALITY ASSURANCE/QUALITY CONTROL REQUIREMENTS

EFO sampling events follow Quality Assurance/Quality Control (QA/QC) protocol established in Section 4 and Appendix K of the SCQ.

4.1 PROJECT REQUIREMENTS FOR SELF-ASSESSMENTS, SURVEILLANCES

Self-assessment and independent assessments of work processes and operations shall be undertaken to assure quality of performance. Self-assessment shall be performed by the Environmental Technical Services Division, shall encompass technical and procedure requirements, and may be conducted at any point in the project.

Independent assessment shall be performed by the FEMP QA organization by conducting surveillances. As a minimum, one surveillance shall be conducted, consisting of monitoring/observing on-going project activity and work areas to verify conformance to specified requirements. Surveillances shall be planned and documented in accordance with Section 12.3 of the SCQ.

4.2 FIELD CHANGES TO THE PROJECT SPECIFIC PLAN

Prior to the implementation of field changes, the EPD Project Coordinator and EFO Manager or EFO Supervisor shall be informed of the proposed field changes and the circumstances requiring them. Once the EPD Project Manager has obtained approval (verbal or written) from the CRU3 Project Engineer and QA representative for the field changes to the PSP, the field changes may be implemented. Field changes to the PSP shall be noted in the field activity log and on a Variance Request form. QA must receive the completed Variance Request, which includes the minimum signatures of the CRU3 Project Engineer, the requestor, and QA, within one week of the granting of the verbal approval.

5.0 EQUIPMENT DECONTAMINATION

Disposable equipment shall be used to collect the samples; therefore, no decontamination is required. In the event that any piece of reusable equipment is suspected of having become contaminated, and as a precaution to protect worker safety and health, any such items shall be isolated and decontaminated in accordance with Level II Decontamination, Section K.11 of the SCQ and as described in the Standard Operating Procedure EP-SMS-003, "Equipment Decontamination."

6.0 HEALTH & SAFETY

EFO Sampling Technicians shall conform to precautionary surveys performed by the personnel representing, Industrial Hygiene, and Radiological Control. Concurrence to applicable safety permits (indicated by the signature of each EFO Sampling Technician assigned to this project) is expected by EFO Sampling Technicians in the performance of their assigned duties.

The EFO Lead Sampling Technician shall insure that each EFO Sampling Technician performing sampling related to this project has read the applicable permits and Job Safety Analysis (Appendix B) to protect worker safety and health. EFO Sampling Technicians who do not sign the applicable health and safety survey forms shall not participate in the execution of sampling activities related to the completion of assigned project responsibilities. A copy of applicable safety permits/surveys issued for worker safety and health shall be posted at the exclusion zone boundary of the sample location and, at the completion of the project, the completed forms shall be submitted for incorporation into the project files.

7.0 DISPOSITION OF INVESTIGATION-DERIVED WASTES

During completion of sampling activities, EFO Sampling Technicians may generate contact wastes. Following completion of sampling, the EFO Sampling Technicians shall place contact wastes into properly labeled bags and disposition in accordance with appropriate FEMP waste management policies.

Any excess unpreserved sample shall be returned to the tank from which it was collected. All decontamination water shall be containerized and transported to Plant 8 for disposal.

8.0 DATA MANAGEMENT PLAN

This data management plan will be implemented so information collected during the investigation will be properly managed following completion of the field activities. As specified in Section 5.1 of the SCQ, sampling teams shall describe daily activities on the Field Activity Log (FAL) sufficient for the sampling team to reconstruct a particular situation without reliance on memory. Sample Collection Logs shall be completed according to instructions specified in Appendix B of the SCQ.

8.1 VERIFICATION

To assure proper documentation was completed during field activities and that documentation was completed correctly, field documentation shall be validated by EFO. Analytical data shall be verified by the CRU3 Project Engineer.

8.2 DATA ENTRY

Analytical data shall be entered into the FEMP Site-Wide Environmental Database (SED) by Analytical Data Management. Manual, double keyed, data entry shall be performed and the entered data shall be compared to the original data sheets; corrections shall be initialed and data, and made as necessary. Hard-copy documents are kept in permanent storage in the project files and the electronic database is permanently archived in a neutral ASCII file format.

APPENDIX A**DATA QUALITY OBJECTIVE**

NOTE: This copy of the DQO is an uncontrolled document.
Verify current revision is being used prior to implementation.

Fernald Environmental Management Project

Data Quality Objectives

Title: Disposition of OU 3 Remedial Action Decontamination
Waste Water

Number: WW-011

Revision: 0

Effective Date: September 19, 1995

Contact Name: Cliff Lee

Approval:

Richard Fiske
DQO Coordinator

Date:

9-19-95

Rev. #	0				
Date	09/19/95				

DATA QUALITY OBJECTIVE LOGIC FLOW

Disposition of OU 3 Remedial Action Decontamination Waste Water

1 Problem Statement

Planning team consists of:

- Todd Weese, CRU3 Environmental Engineering-oversight
- Cliff Lee, Environmental Programs Development-writer
- Steve Witters, Environmental Programs Development-guidance
- Frank Johnston, Environmental Compliance-guidance

Planned decontaminating, decommissioning and dismantling activities of former processing plant buildings within Operable Unit 3 (OU 3) will generate large quantities of waste water resulting from the washing and decontamination of various parts and appurtenances in the buildings. The identity and amounts of hazardous or controlled constituents in decontamination waste water must be determined to maintain proper handling and system control. Waste water analyses must be completed in a timely manner in order to protect the environment and ensure timely processing.

Characterization of waste is required under the Resource Conservation and Recovery Act (RCRA) as promulgated in 40 CFR 261 and Ohio Administrative Code 3745. RCRA must be followed as an Applicable, Relevant, or Appropriate Requirement (ARAR) to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process at the Fernald Environmental Management Project (FEMP).

Sampled waste waters from the decontamination of FEMP OU 3 Decontamination and Decommission (D&D) complexes are anticipated to contain suspected contaminants of concern (as listed in the OU 3 Interim Remedial Design/Remedial Action (RD/RA) Work Plan and in the OU 3 complex-specific Implementation Plans. Clean Water Act/SEC. 402 [33 U.S.C. 1342] and 40 CFR 122 National Pollutant Discharge Elimination System (CWA and NPDES) discharge limits and treatment efficiency monitoring, in addition to treatment facility process controls, provide the regulatory drivers beyond the scope of the RCRA and RD/RA requirements noted above.

The specific problem to be addressed by this Data Quality Objective is to confirm the presence and amounts of hazardous or controlled constituents in decontamination waste water, based on process knowledge. The logic continues with a comparison of the amounts of these constituents with the limits established in the RCRA/CWA/NPDES permitting regulations, and established process controls defining acceptable constituent levels for the Plant 8 VOC Treatment Sump. If the concentration of any hazardous or controlled contaminants of concern (COCs) from a waste water sample of a given temporary storage tank exceeds the limits published in the above mentioned regulations or limits established for the treatment facility, the material is considered hazardous or controlled waste.

NOTE: THIS DQO DOES NOT PERTAIN TO DRUM SAMPLING.

DQO #: WW-011

Effective Date: 09/19/95

2 Identification of a Decision that Addresses the Problem

The major decisions that must be resolved in this DQO are:

1. Does the decontamination waste water contain hazardous or controlled waste and what are the hazardous or controlled waste constituents of concern?

In order to determine whether or not the decontamination waste water is hazardous or controlled waste, process knowledge will be utilized to confirm the process function of the unit. If the material within the unit cannot be fully characterized using process knowledge, samples will be taken and analyzed to confirm the identity and/or to determine if the material is a hazardous or controlled waste. A full list of suspected contaminants of concern is shown in the OU 3 Interim RD/RA Work Plan and in the OU 3 complex-specific Implementation Plans. Sampling and laboratory analysis will determine the presence/absence and amounts/concentrations of such suspected contaminants of concern.

2. Is the decontamination waste water acceptable to the treatment facility so as not to hinder facility operation or established facility procedure ?

Grease and oils present a process control issue because these materials can hinder the operation of the Plant 8 Sump. Such waters would be unacceptable for delivery and would require alternative control measures. Additionally, current FEMP procedure requires waters with above 48 mg/l Uranium to be filtered through the Plant 8 Sump. In order to determine whether or not the decontamination waste water is or is not acceptable to the treatment facility, process knowledge will be utilized to confirm the use or presence of such materials.

If the materials within the temporary storage tank(s) cannot be fully characterized using process knowledge, samples (or representative aliquots of samples) will be taken and analyzed to confirm the identity and/or to determine if grease/oil is present in the decontamination waste water. Also, laboratory analysis will confirm the amounts of Uranium present in the decontamination waste water.

3. Do analytical results provide ample data to determine compliance with the NPDES Permit ?

In order to demonstrate that current Plant 8 Sump operations are being performed in compliance with NPDES Permit, Section III, 3. B., upstream waste water sampling will be conducted to determine the measurable amounts of contaminants/levels of pollutant concentrations to be introduced into the Plant 8 Sump and to monitor said treatment facility efficiency.

3 Identification of Inputs that Affect the Decision

The inputs (analytical sampling) needed to effect the decisions listed above will be based on process knowledge (to include any previous waste characterization sampling). The decontamination waste water samples will be analyzed for all contaminants of concern identified based on process knowledge as listed in the OU 3 Interim RD/RA Work Plan and in the OU 3 complex-specific Implementation Plans.

The materials to be sampled are all liquid materials that are water-based mixtures that may contain some product and metals. Note that all decontamination washwaters are run through both 20 and 5 micron filters prior to accumulation in the temporary storage tanks. Liquids can be further broken down into an waters containing acid, organics (chlorinated solvents, petroleum or related product, etc.) or an unknown liquid. Any of these three liquid categories can contain little or no percentage of suspended particles or solids after filtration.

Also, analyte lists may be reduced or expanded based on process knowledge or preliminary waste water laboratory analysis. A list of the inputs to these decisions are also described below.

If the contaminant(s) of concern also include radionuclides, then the analysis performed will be for Total Uranium and Isotopic Uranium only, based on process knowledge.

If the contaminant(s) of concern is metals, then analysis will be performed for any one or all of the metal analytes as listed in the OU 3 Interim RD/RA Work Plan and in the OU 3 complex-specific Implementation Plans.

Of particular concern in the delivery of decontamination waste water to the Plant 8 Sump are the metals chromium, copper, and nickel: Analytical results will be used for determining compliance with downstream NPDES Permit effluent limitations. The most conservative limitation defined in the NPDES Permit, for the specific contaminants is one hundred micrograms per liter (100 µg/l) (of any one metallic analyte).

If the contaminant(s) of concern is a hazardous characteristic (i.e., corrosivity), then the analytical testing will be specific to the characteristic and will include testing such as pH.

If aqueous solvent residues (i.e. 1,1,1 trichloroethane) and dissolved low-grade residues (i.e. fluorides) are suspected to be present in decontamination waste water (as would be expected at Plant 4), then laboratory analysis for such materials would be required to ensure downstream compliance with NPDES permits prior to discharge.

If the material is determined not to be a hazardous waste and if the contaminants of concern were petroleum-based (e.g., grease and oil), then analysis will be done to determine acceptability for delivery to the Plant 8 Sump and to ensure compliance with NPDES permits prior to discharge.

4 Specification of the Domain of the Decision

Spatial boundary: the spatial boundaries are to be distinctly specified as a bermed area surrounding (typically) four 6,500 Gallon Plastic Tanks. These are currently located on the west side of Plant 4A, the former Hydrofluoridation facility, for the Plant 4 D&D Project.

Temporal boundaries will depend on the location of the unit. As the unit is located outside, the collection of decontamination waste water will be weather dependent. Additionally, the timing of sample delivery will be essential if holding times are to be met.

5 Development of Logic Statements

1. Characteristic Hazardous Waste (potentially applicable characteristics)

If the concentration of the contaminants of concern in the decontamination waste water sample is above the regulatory limits as specified in 40 CFR 261.24, then the substance is characterized hazardous for toxicity.

If an aqueous solution has a pH of less than or equal to 2 or greater than or equal to 12.5, then the substance is characterized hazardous for corrosivity.

If a substance has been classified as characteristically hazardous for reactivity, then a representative sample of the waste has at least one of the properties discussed in 40 CFR 261.23.

DQO #: WW-011
Effective Date: 09/19/95

2. Controlled Effluent Wastes

If the concentration of the contaminants of concern in the decontamination waste water sample is above the regulatory limits in 40 CFR 122 (as specified in the site-specific NPDES permit and renewal), then the facility owner must document and report such concentrations in a timely and forthright manner. A NPDES "notification level" of One hundred micrograms per liter (100 $\mu\text{g/l}$) is generally considered to be the acceptance limit for the Plant 8 Sump (of any one metallic analyte). Intake process control provides some of the information required for NPDES permit compliance and renewal.

3. Listed Hazardous Wastes

The listing of hazardous wastes is specified in 40 CFR 261.31 through 40 CFR 261.33.

6 Establish Constraints of Uncertainty

A false negative error would occur when analytical results do not confirm the presence of hazardous or controlled waste, rejecting process knowledge claims that there was hazardous or controlled waste; when in actuality, the material does exhibit hazardous or controlled waste characteristics or contain a listed hazardous waste. The consequence of this type of error would be to treat the material as non-hazardous (or non-controlled), rather than hazardous (or controlled). This error has possible health and political consequences, as well as economic and social.

False positive error would occur when the analytical results of the decontamination waste water sampling were incorrectly identified as exceeding the characteristics described in Section 5 (or being a listed hazardous waste), showing that the material contained hazardous or controlled waste and needed to be treated as such when in fact no such treatment was needed. The consequence of this type of error would be to increase both the processing time and the expenses associated with either treatment, storage and/or disposal of large volumes of this material. The major consequence would be economic with political and social consequences being secondary.

The major concern for this DQO would be the false negative errors. These errors can be reduced by the analysis of laboratory duplicate and matrix spike analyses.

7 Development of a Cost-Effective Design for Obtaining Data

In order to obtain a representative sample, a visual inspection of the temporary storage tank contents or may be required. Examples of sampling techniques used for expected homogenous and heterogeneous liquids would be grab and coliwasa samplers respectively. Multiple samples may be collected depending on the heterogeneity of the material per the guidelines of the SCQ. The analyte lists may be reduced or expanded based on process knowledge or preliminary waste water laboratory analysis.

In some instances, percent composition and/or acid-base normality will be performed in order to confirm if the identity of the waste water material is consistent with process knowledge claims.

Holding times for raw and product materials may differ from the listed SCQ holding times for environmental samples. Holding times and preservation techniques will be chosen to insure the integrity of the samples and appropriate cost benefits. Variations from the SCQ holding times will be described in the individual Project Specific Plan (PSP).

8 Summary of DQO Logic Flow

Samples are collected along with the field QA/QC samples as per Appendix A of the SCQ. Specific requirements will be specified in the PSP. Trip blanks are not required because the sample is process water rather than an environmental sample. Only certified sampling containers shall be used, eliminating the need for a container blank. Performance evaluation samples will be provided by the QC department, as needed.

The analyses requested is dependent on process knowledge of the COCs as described in Attachment C. Field monitors such as Photoionization Detectors (PIDs), X-ray Fluorescence (XRF) and Flame Ionization Detectors (FIDs) used to support process knowledge claims will use Analytical Support Level (ASL) A. For the majority of the sampling program though, ASL B (SW-846 methods, Vol. II) is required. The radiological samples will also be collected at ASL B.

1.A. Task/Description:

OU #: 3

Decontamination Waste water Sampling

1.B. Project Phase: (Put an X in the appropriate box.)

RI FS RD RA OTHER Specify: _____

1.C. DQO No.: WW-011 DQO Reference No.: _____

2. Media Characterization: (Put an X to the right of the appropriate box.)

Air Biological Groundwater Sediment Soil

Waste Waste water Surface water Other (specify) _____

3. Data Use with Analytical Support Level (A-E): (Put an X in the appropriate box. Analytical Support Level (ASL) selection(s) should be marked to the right of each applicable Data Use.)

Site Characterization

A B C D E

Risk Assessment

A B C D E

Evaluation of Alternatives

A B C D E

Engineering Design

A B C D E

Monitoring during remediation activities

A B C D E

Other (Explain) Waste Characterization

A B C D E

4.A. Drivers: CERCLA Amended Consent Decree, Resource Conservation and Recovery Act, Ohio Administrative Code 3745.51; 40 CFR 261.23 and 261.24, Clean Water Act (SEC. 402 [33 U.S.C. 1342]), 40 CFR 261.31 through 40 CFR 261.33, and 40 CFR 122, the National Pollutant Discharge Elimination System.

4.B. Objective: To show, through the use of decontamination waste water sampling, the presence of hazardous or controlled waste.

5. Site Information (Description): Operable Unit 3 (OU3) Plants and buildings are located in the former production area at the Fernald Environmental Restoration Project. It incorporates all above- and below-grade improvements, including, but not limited to, the facility structure, equipment, utilities, tanks, waste waters, product, and effluent lines.

DQO Number: WW-011

6.A. Data Types with appropriate Analytical Support Level Equipment Selection and SCQ Reference: (Put an X in the appropriate box or boxes selecting the type of analysis or analyses required. Then select the type of equipment to perform the analysis if appropriate. Please include a reference to the SCQ Section.)

1. pH	<input checked="" type="checkbox"/>	2. Uranium	<input checked="" type="checkbox"/>	3. BTEX	<input checked="" type="checkbox"/>
Temperature	<input type="checkbox"/>	Full Radiologic	<input type="checkbox"/>	TPH	<input checked="" type="checkbox"/>
Specific Conductance	<input type="checkbox"/>	Metals	<input checked="" type="checkbox"/>	Oil/Grease	<input checked="" type="checkbox"/>
Dissolved Oxygen	<input type="checkbox"/>	Cyanide	<input type="checkbox"/>		
Silica	<input type="checkbox"/>				
4. Cations	<input type="checkbox"/>	5. VOA	<input checked="" type="checkbox"/>	6. Other (specify)	<input checked="" type="checkbox"/>
Anions	<input type="checkbox"/>	ABN	<input type="checkbox"/>	<u>Isotopic Uranium</u>	
TOC	<input type="checkbox"/>	Pesticides	<input type="checkbox"/>	<u>Fluorides</u>	
TCLP	<input type="checkbox"/>	PCB	<input type="checkbox"/>		
CEC	<input type="checkbox"/>	COD	<input type="checkbox"/>		

6.B. Equipment Selection and SCQ Reference:

Equipment Selection	Refer to SCQ Section
ASL A <u>XRF, PID, FID, etc.</u>	SCQ Section: <u>K</u>
ASL B <u>Per SCQ</u>	SCQ Section: <u>G</u>
ASL C _____	SCQ Section: _____
ASL D _____	SCQ Section: _____
ASL E _____	SCQ Section: _____

7.A. Sampling Methods: (Put an X in the appropriate selections.)

Biased Composite Environmental Grab Grid

Intrusive Non-Intrusive Phased Source

Other (specify):

DQO #: WW-011
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7.B. Sample Work Plan Reference: (List the samples required. Reference the work plan or sampling plan guiding the sampling activity, as appropriate.)

Background samples: Individual projects will have a PSP or similar approved sampling plan outlining all sampling to be performed.

7.C. Sample Collection Reference: (Please provide a specific reference to the SCQ Section and subsection guiding sampling collection procedures.)

Sample Collection Reference: SCQ Appendix K, Section K.5.5 and EPA SW-846, Chapter 9.

8. Quality Assurance/Control Samples: (Place an "X" to the right of the appropriate selection(s).)

8.A. Field Quality Assurance Samples:

- | | | | |
|-------------------------|-------------------------------------|--------------------------------|--------------------------|
| Trip Blanks | <input checked="" type="checkbox"/> | Container Blanks | <input type="checkbox"/> |
| Field Blanks | <input type="checkbox"/> | Duplicate Samples | <input type="checkbox"/> |
| Equipment Rinse Samples | <input type="checkbox"/> | Split Samples | <input type="checkbox"/> |
| Preservative Blanks | <input type="checkbox"/> | Performance Evaluation Samples | <input type="checkbox"/> |

Other (specify) _____ Refer to the sampling plan for additional QA samples, if requested

8.B. Laboratory Quality Control Samples:

- | | | | |
|-----------------|-------------------------------------|----------------------------|-------------------------------------|
| Method Blank | <input checked="" type="checkbox"/> | Matrix Duplicate/Replicate | <input checked="" type="checkbox"/> |
| Matrix Spike | <input checked="" type="checkbox"/> | Surrogate Spikes | <input checked="" type="checkbox"/> |
| Other (specify) | | | |

9. Other: Please provide any other germane information that may impact the data quality or gathering of this particular objective, task or data use.

Analyte lists may be reduced or expanded based on process knowledge or previous analytical results. Lists are expected to be typical requirements. Coordination with waste compliance and treatment facility personnel will ensure NPDES compliance.

APPENDIX B
JOB SAFETY ANALYSIS

JOB: Wastewater Sampling

DATE: 8-28-95

JOB TITLE: Plant 4 Dismantling - Decontamination
Water Sampling (RI/FS WBS 04.112)

DEPARTMENT: Site Restoration Services

SECTION/GROUP: Environmental Field Operations

SUPERVISOR: *M. Schleg*

ANALYSIS BY: *[Signature]*

REVIEWED BY: *Laurence Dove*

APPROVED BY: *[Signature]*

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT: Hard hat, Safety glasses w/rigid side shields, Goggles, Steel-toed safety boots, Safety Harness and Lanyard; Refer to PPE page of FERMCO Work Permit.

SEQUENCE OF BASIC JOB STEPS	POTENTIAL ACCIDENT OR HAZARD	RECOMMENDED SAFE JOB PROCEDURE
1. Preplan	1a. Radiation and volatile vapor exposure to the contents of wastewater tanks.	1a. Maintain minimum time and maximum distance from source 1b. Baseline and incident urinalysis samples. 1c. Monitor tanks for radiation. Set action levels, engineering controls. 1d. Contact IH to monitor area and tanks for organic vapors, NO ₂ , and HNO ₃ prior to entering zone. 1e. Eye wash/safety shower within 100 feet and 10 seconds.
2. Access to top of tank	2a. Unsecured ladder falling over. 2b. Unsecured personnel falling from ladder or top of tank.	2a. Set ladder base flush and ladder at proper angle, secure to holdfast eye (located at top of 12 foot high tank), have spotter securely holding base of ladder when climbing/carrying sampling equipment. Ladder must be extended 2 feet above top of tank (and 16 feet or greater in length). 2b. Tie sampling personnel's safety harness and lanyard off to other holdfast eyes (located at top of tank).
3. Fill sample jars by using the Sludge Judge inserted into the tank. A peristaltic pump and tygon tubing will then be used to pump water from the Sludge Judge to the sample jar.	3a. Radiation and volatile vapor exposure to the contents of wastewater tanks. 3b. Splash hazard. 3c. Potential for skin/clothing contamination of radioactive materials.	3a. Nitrile gloves (inner). 3b. Nitrile gauntlet gloves (outer). 3c. Water-resistant coveralls. 3d. Goggles. 3e. Refer to FERMCO Work Permit for additional requirements.

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SEQUENCE OF BASIC JOB STEPS	POTENTIAL ACCIDENT OR HAZARD	RECOMMENDED SAFE JOB PROCEDURE
<p>3. Add HNO₃ preservative.</p>	<p>3a. Radiation and volatile vapor exposure to the contents of wastewater tanks.</p> <p>3b. Splash hazard.</p> <p>3c. Potential chemical contamination.</p> <p>3d. Potential for skin/clothing contamination of radioactive materials.</p>	<p>3a. Nitrile gloves (inner).</p> <p>3b. Nitrile gloves (outer).</p> <p>3c. Water-resistant coveralls.</p> <p>3d. Goggles.</p> <p>3e. Refer to FERMCO Work Permit for additional requirements.</p>
<p>4. Cap and dry sample bottle.</p>	<p>4a. Radiation and volatile vapor exposure to the contents of wastewater tanks.</p> <p>4b. Splash hazard.</p> <p>4c. Potential chemical contamination</p> <p>4d. Potential for skin/clothing contamination of radioactive materials.</p>	<p>4a. Nitrile gloves (inner).</p> <p>4b. Nitrile gloves (outer).</p> <p>4c. Water-resistant coveralls.</p> <p>4d. Goggles.</p> <p>4e. Refer to FERMCO Work Permit for additional requirements.</p>
<p>5. Dispose of contact waste as instructed by site procedures for waste disposition and the radiological technician covering the activity.</p>	<p>5a. Radiation and volatile vapor exposure to the contents of wastewater tanks.</p> <p>5b. Potential chemical contamination.</p> <p>5c. Potential for skin/clothing contamination of radioactive materials.</p>	<p>5a. Nitrile gloves (inner).</p> <p>5b. Nitrile gloves (outer).</p> <p>5c. Water-resistant coveralls.</p> <p>5d. Refer to FERMCO Work Permit for additional requirements.</p>

VARIANCE / FIELD CHANGE NOTICE

V/F No 04.112-1

WBS NO.: 04.112

Page 1 of 1

PROJECT TITLE: Plant 4 Dismantling - Decontamination Water Sampling, Rev. 0

Date: 3/21/96 **081**

VARIANCE / FIELD CHANGE NOTICE (Include justification):

Background:

Section 3.0 of the PSP specifies that a Sludge Judge sampler (rigid plastic tube with a bottom ball check valve) be inserted into the tank and the water evacuated from the sampler using a peristaltic pump and tubing. The primary intent of this method was to avoid removing the full sampler body (10 feet in length) from the tank which presents the risk of the plastic sampler body collapsing and spilling its contents.

Variance:

The following sample collection method was employed on Tanks 01, 03, and 04:

During sample collection, the Sludge Judge sampler was determined to have sufficient strength to safely withstand 10 feet or less of water column when removed from the tank. The sampler contents were emptied into a clean container from which aliquots were taken to fill the individual sample containers. The VOA sample was collected separately using the same sampler by lowering it 2-3 feet into the top of the water in the tank. This sample was transferred directly to the VOA vials containing preservative.

Justification:

The modified sample collection method does not impact the quality or representativeness of the water sample. In fact, the interim container used to initially hold the water likely provided a more homogenous sample since the Sludge Judge sampler collected some sludge/sediment. Likewise, the VOA sample collection method minimized agitation of the sample during transfer to the sampler container.

REQUESTED BY: Mike Frank

Date: 3/21/96

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE <i>Keith A. Payne</i>	<i>3/29/96</i>	X	PROJECT MANAGER <i>Todd Weisz</i>	<i>3/26/96</i>
	DATA QUALITY MANAGEMENT		X	FIELD MANAGER <i>Michelle Frank</i>	<i>3/27/96</i>
	ANALYTICAL CUSTOMER SUPPORT			OTHER	
	OTHER			OTHER	

VARIANCE/FCN APPROVED YES NO

REVISION REQUIRED: YES NO

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: <i>Michelle Tudor</i>	OTHER:
QUALITY ASSURANCE:	OTHER:	OTHER: 000054
FIELD MANAGER:	OTHER:	OTHER:

DATE 25-MAR-96
TIME 07:58:01

GLYMARY REPORT

PAGE 1

RELEASE NUMBER : 1000010582
PROJECT NAME : 95-1159 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LR	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221359	410511		TANK T-001;		1,1,1,2-TETRACHL	25	ug/L	U	13-MAR-96	24-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,1,1-TRICHLORO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,1,2,2-TETRACH	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,1,2-TRICHLORO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,1-DICHLOROETH	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,1-DICHLOROETH	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,1-DICHLOROPRO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2,3-TRICHLORO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2,3-TRICHLORO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2,4-TRICHLORO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2,4-TRIMETHYL	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2-DIBROMO-3-C	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2-DIBROMOETHA	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2-DICHLOROBEN	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2-DICHLOROETH	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,2-DICHLOROPRO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,3,5-TRIMETHYL	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,3-DICHLOROBEN	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,3-DICHLOROPRO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		1,4-DICHLOROBEN	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		2,2-DICHLOROPRO	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		2-BUTANONE	250	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		2-CHLOROTOLUENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		2-HEXANONE	250	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		4-CHLOROTOLUENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		4-METHYL-2-PENT	250	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		ACETONE	610	ug/L		13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		BENZENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		BROMOBENZENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		BROMOCHLOROMETH	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		BROMODICHLOROME	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		BROMOFORM	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		BROMOMETHANE	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CARBON DISULFID	250	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CARBON TETRACHL	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CHLOROBENZENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CHLORODIBROMONE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CHLOROTHANE	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CHLOROFORM	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CHLOROMETHANE	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CIS-1,2-DICHLOR	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		CIS-1,3-DICHLOR	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		DIBROMOMETHANE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		DICHLORODIFLUOR	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		ETHYLBENZENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		HEXACHLOROBUTAD	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		ISOPROPYL BENZE	25	ug/L	U	13-MAR-96	26-MAR-96	B

Your Selection Criteria Was:

Release Number: 1000010582 Component: X Submission ID: X Project Name: X
From Received Date: X Display Text? N

000055

DATE 28-MAR-96
TIME 07:58:01

SUMMARY REPORT
(PRELIMINARY)

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RELEASE NUMBER : 1000010582
PROJECT NAME : 95-1159 PLANT 4 D&D

LAP	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LG	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221359	410511		TANK T-001;		METHYLENE CHLOR	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		N-BUTYLBENZENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		N-PROPYLBENZENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		NAPHTHALENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		P-ISOPROPYLTOLU	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		SEC-BUTYLBENZEN	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		STYRENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		SURR1(DIBROMOFL	98	% REC		13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		SURR2(TOLUENE-D	105	% REC		13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		SURR3(BROMOFLUO	107	% REC		13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		TERT-BUTYLBENZE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		TETRACHLOROETHE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		TOLUENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		TRANS-1,2-DICHL	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		TRANS-1,3-DICHL	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		TRICHLOROETHENE	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		TRICHLOROFLURO	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		VINYL ACETATE	250	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		VINYL CHLORIDE	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		XYLENES-M,P	25	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221359	410511		TANK T-001;		XYLENES-O	25	ug/L	U	13-MAR-96	26-MAR-96	B
INORGANICS-EPM	200221360	410512		TANK T-001;		OIL & GREASE		mg/L		13-MAR-96		B
INORGANICS-AA/I	200221361	410513		TANK T-001;		ANTIMONY	3270	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		ARSENIC	200	ug/L	U	13-MAR-96	21-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		BARIUM	200	ug/L	U	13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		BERYLLIUM	10	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		CADMIUM	12510	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		CHROMIUM	2012	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		COPPER	8740	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		LEAD	4276	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		MERCURY	127	ug/L		13-MAR-96	20-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		NICKEL	10765	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		SELENIUM	100	ug/L	U	13-MAR-96	22-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		SILVER	1871	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		THALLIUM	200	ug/L	U	13-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221361	410513		TANK T-001;		ZINC	189450	ug/L		13-MAR-96	26-MAR-96	B
INORGANICS-EPM	200221362	410514		TANK T-001;		FLUORIDE	895	mg/L		13-MAR-96	14-MAR-96	B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234		WT %		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234		pCi/m		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234-LBC		YES/N		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234-LBC		YES/N		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234-LCE		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234-LCE		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234-LND		WT %		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234-LND		pCi/m		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234-LTP		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 234-LTP		2 sig		13-MAR-96		B

Test Selection Criteria Mass:

Release Number: 1000010582 Component: X Submission ID: X Project Name: X
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RELEASE NUMBER : 1000010582
PROJECT NAME : 95-1159 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	REPLY	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235		WT %		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235		pci/m		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235-LBC		YES/N		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235-LBC		YES/N		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235-LCE		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235-LCE		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235-LMD		WT %		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235-LMD		pci/m		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235-LTP		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 235-LTP		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236		WT %		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236		pci/m		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236-LBC		YES/N		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236-LBC		YES/N		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236-LCE		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236-LCE		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236-LMD		WT %		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236-LMD		pci/m		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236-LTP		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 236-LTP		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238		pci/m		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238		WT %		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238-LBC		YES/N		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238-LBC		YES/N		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238-LCE		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238-LCE		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238-LMD		pci/m		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238-LMD		WT %		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238-LTP		2 sig		13-MAR-96		B
MASS SPECTROSCO	200221363	410515		TANK T-001;		URANIUM 238-LTP		2 sig		13-MAR-96		B
INORGANICS-EPM	200221364	410516		TANK T-001;		URANIUM	2.83	ppm		13-MAR-96	15-MAR-96	B
INORGANICS-EPM	200221364	410516		TANK T-001;		URANIUM	1080	ug/L		13-MAR-96	15-MAR-96	B
ORGANICS	200221734	410517		TB		1,1,1,2-TETRACH	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,1,1-TRICHLORO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,1,2,2-TETRACH	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,1,2-TRICHLORO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,1-DICHLOROETH	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,1-DICHLOROETH	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,1-DICHLOROPRO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,2,3-TRICHLORO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,2,3-TRICHLORO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,2,4-TRICHLORO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,2,4-TRIMETHYL	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,2-DIBROMO-3-C	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,2-DIBROMOETHA	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,2-DICHLOROBEN	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		TB		1,2-DICHLOROETH	5	ug/L	U	13-MAR-96	26-MAR-96	B

Your Selection Criteria Was:

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RELEASE NUMBER : 1000010582
PROJECT NAME : 95-1199 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221734		410517		TB	1,2-DICHLOROPRO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	1,3,5-TRIMETHYL	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	1,3-DICHLOROBEN	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	1,3-DICHLOROPRO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	1,4-DICHLOROBEN	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	2,2-DICHLOROPRO	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	2-BUTANONE	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	2-CHLOROTOLUENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	2-HEXANONE	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	4-CHLOROTOLUENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	4-METHYL-2-PENT	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	ACETONE	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	BENZENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	BROMOBENZENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	BROMOCHLOROMETH	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	BROMODICHLOROME	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	BROMOFORM	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	BROMOMETHANE	10	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CARBON DISULFID	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CARBON TETRACHL	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CHLOROBENZENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CHLORODIBROMOME	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CHLOROETHANE	10	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CHLOROFORM	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CHLOROMETHANE	10	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CIS-1,2-DICHLOR	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	CIS-1,3-DICHLOR	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	DIBROMOMETHANE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	DICHLORODIFLUOR	10	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	ETHYLBENZENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	HEXACHLOROBUTAD	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	ISOPROPYL BENZE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	METHYLENE CHLOR	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	N-BUTYLBENZENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	N-PROPYLBENZENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	NAPHTHALENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	P-ISOPROPYLTOLU	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	SEC-BUTYLBENZEN	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	STYRENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	SURR1(DIBROMOFL	100	% REC		13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	SURR2(TOLUENE-D	100	% REC		13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	SURR3(BROMOFLUI	105	% REC		13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	TERT-BUTYLBENZE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	TETRACHLOROETHE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	TOLUENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	TRANS-1,2-DICHL	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734		410517		TB	TRANS-1,3-DICHL	5	ug/L	U	13-MAR-96	26-MAR-96	B

Your Selection Criteria Was:

Release Number: 1000010582 Components: X Submission ID: X Project Name: X
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RELEASE NUMBER : 1000010582
 PROJECT NAME : 95-1159 PLANT 4 080

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LG	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221734	410517		T8		TRICHLOROETHENE	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		T8		TRICHLOROFLUORO	10	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		T8		VINYL ACETATE	50	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		T8		VINYL CHLORIDE	10	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		T8		XYLENES-M,P	5	ug/L	U	13-MAR-96	26-MAR-96	B
ORGANICS	200221734	410517		T8		XYLENES-O	5	ug/L	U	13-MAR-96	26-MAR-96	B

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END OF REPORT

Your Selection Criteria Was:

Release Number: 1000010582 Component: X Submission ID: X Project Name: X
 From Received Date: X Display Text? N

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RELEASE NUMBER : 1000010632
PROJECT NAME : 95-1159 PLANT 4 DED

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221733		412014	TRIP BLANK		1,2-DICHLOROBEH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		1,2-DICHLOROETH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		1,2-DICHLOROPRO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		1,3,5-TRIMETHYL	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		1,3-DICHLOROBEH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		1,3-DICHLOROPRO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		1,4-DICHLOROBEH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		2,2-DICHLOROPRO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		2-BUTANONE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		2-CHLOROTOLUENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		2-HEXANONE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		4-CHLOROTOLUENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		4-METHYL-2-PENT	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		ACETONE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		BENZENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		BROMOBENZENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		BROMOCHLOROMETH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		BROMODICHLOROME	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		BROMOFORM	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		BROMOMETHANE	10	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CARBON DISULFID	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CARBON TETRACHL	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CHLOROBENZENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CHLORODIBROMOME	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CHLOROETHANE	10	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CHLOROFORM	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CHLOROMETHANE	10	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CIS-1,2-DICHLOR	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		CIS-1,3-DICHLOR	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		DIBROMOMETHANE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		DICHLORODIFLUOR	10	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		ETHYLBENZENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		HEXACHLOROBUTAD	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		ISOPROPYL BENZE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		METHYLENE CHLOR	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		N-BUTYLBENZENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		N-PROPYLBENZENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		NAPHTHALENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		P-ISOPROPYLTOLU	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		SEC-BUTYLBENZEN	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		STYRENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		SURR1(DIBROMOFL	114	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		SURR2(TOLUENE-D	100	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		SURR3(BROMOFLUO	107	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		TERT-BUTYLBENZE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		TETRACHLOROETHE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733		412014	TRIP BLANK		TOLUENE	5	ug/L	U	18-MAR-96	26-MAR-96	B

Your Selection Criteria Was:

Release Number: 1000010632 Component: X Submission ID: X Project Name: X
From Received Date: X Display Text? N

000060

DATE 28-MAR-96
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 (PRELIMINARY)

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RELEASE NUMBER : 1000010632
 PROJECT NAME : 95-1159 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LG	DATE	DATE	TASK
										SAMPLED	PERFORMED	ASL
ORGANICS	200221733	412014		TRIP BLANK		TRANS-1,2-DICHL	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		TRANS-1,3-DICHL	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		TRICHLOROETHENE	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		TRICHLOROFLUORO	10	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		VINYL ACETATE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		VINYL CHLORIDE	10	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		XYLENES-M,P	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		XYLENES-O	5	ug/L	U	18-MAR-96	26-MAR-96	B

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END OF REPORT

 Your Selection Criteria Was:

Release Number: 1000010632 Component: X Submission ID: X Project Name: X
 From Received Date: X Display Text? N

000061

DATE 26-JUN-96

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RELEASE NUMBER : 100011534

PROJECT NAME : PLT 4 DISMANTLING

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LQ	DATE SAMPLED	DATE TASK PERFORMED	ASL
A10 - ORG	200238708		412073	TRIP BLANK		SEC-BUTYLBENZEN	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		STYRENE	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		SURR1(DIBROMOFL	99	% REC		17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		SURR2(TOLUENE-D	99	% REC		17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		SURR3(BROMOFLUO	99	% REC		17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		TERT-BUTYLBENZE	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		TETRACHLOROETHE	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		TOLUENE	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		TRANS-1,2-DICHL	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		TRANS-1,3-DICHL	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		TRICHLOROETHENE	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		TRICHLOROETHERO	10	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		VINYL ACETATE	50	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		VINYL CHLORIDE	10	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		XYLENES-M,P	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238708		412073	TRIP BLANK		XYLENES-O	5	ug/L	U	17-JUN-96	21-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,1,1,2-TETRACH	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,1,1-TRICHLORO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,1,2,2-TETRACH	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,1,2-TRICHLORO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,1-DICHLOROETH	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,1-DICHLOROETH	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,1-DICHLOROPRO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2,3-TRICHLORO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2,3-TRICHLORO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2,4-TRICHLORO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2,4-TRIMETHYL	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2-DIBROMO-3-C	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2-DIBROMOETHA	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2-DICHLOROBEN	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2-DICHLOROETH	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,2-DICHLOROPRO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,3,5-TRIMETHYL	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,3-DICHLOROBEN	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,3-DICHLOROPRO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		1,4-DICHLOROBEN	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		2,2-DICHLOROPRO	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		2-BUTANONE	50	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		2-CHLOROTOLUENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		2-HEXANONE	50	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		4-CHLOROTOLUENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		4-METHYL-2-PENT	50	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		ACETONE	120	ug/L		17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		BENZENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		BROMOBENZENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		BROMOCHLOROMETH	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709		412072	TANK T-002;PLA		BROMOICHLOROME	5	ug/L	U	17-JUN-96	22-JUN-96	B

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RELEASE NUMBER : 1000011534
PROJECT NAME : PLT 4 DISMANTLING

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
A10 - ORG	200238709	412072		TANK T-002;PLA		BROMOFORM	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		BROMOMETHANE	10	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CARBON DISULFID	50	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CARBON TETRACHL	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CHLOROBENZENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CHLORODIBROMOME	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CHLOROETHANE	10	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CHLOROFORM	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CHLOROMETHANE	10	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CIS-1,2-DICHLOR	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		CIS-1,3-DICHLOR	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		DIBROMOMETHANE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		DICHLORODIFLUOR	10	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		ETHYLBENZENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		HEXACHLOROBUTAD	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		ISOPROPYL BENZE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		METHYLENE CHLOR	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		N-BUTYLBENZENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		N-PROPYLBENZENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		NAPHTHALENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		P-ISOPROPYLTOLU	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		SEC-BUTYLBENZEN	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		STYRENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		SURR1(DIBROMOFL	98	% REC	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		SURR2(TOLUENE-D	100	% REC	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		SURR3(BROMOFLUO	105	% REC	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		TERT-BUTYLBENZE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		TETRACHLOROETHE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		TOLUENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		TRANS-1,2-DICHL	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		TRANS-1,3-DICHL	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		TRICHLOROETHENE	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		TRICHLOROFLUORO	10	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		VINYL ACETATE	50	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		VINYL CHLORIDE	10	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		XYLENES-M,P	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - ORG	200238709	412072		TANK T-002;PLA		XYLENES-O	5	ug/L	U	17-JUN-96	22-JUN-96	B
A10 - INORG	200238710	412072		TANK T-002;PLA		OIL & GREASE	26	mg/L		17-JUN-96	21-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		ANTIMONY	600	ug/L	U	17-JUN-96	20-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		ARSENIC	400	ug/L	U	17-JUN-96	24-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		BARIUM	400	ug/L	U	17-JUN-96	20-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		BERYLLIUM	10	ug/L	U	17-JUN-96	20-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		CADMIUM	1260	ug/L		17-JUN-96	20-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		CHROMIUM	1972	ug/L		17-JUN-96	20-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		COPPER	3236	ug/L		17-JUN-96	20-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		LEAD	1411	ug/L		17-JUN-96	20-JUN-96	B
A10 - METALS	200238711	412072		TANK T-002;PLA		MERCURY	7.6	ug/L		17-JUN-96	21-JUN-96	B

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LEASE NUMBER : 1000011534
OBJECT NAME : PLT 4 DISMANTLING

AS	SAMPLE ID	USER SAMPLE ID	SAMPLE POINT	SUFFIX COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
IO - METALS	200238711	412072	TANK T-002;PLA	NICKEL	8666	ug/L		17-JUN-96	20-JUN-96	B
IO - METALS	200238711	412072	TANK T-002;PLA	SELENIUM	100.0	ug/L	U	17-JUN-96	21-JUN-96	B
IO - METALS	200238711	412072	TANK T-002;PLA	SILVER	100	ug/L	U	17-JUN-96	20-JUN-96	B
IO - METALS	200238711	412072	TANK T-002;PLA	THALLIUM	200	ug/L	U	17-JUN-96	21-JUN-96	B
IO - METALS	200238711	412072	TANK T-002;PLA	ZINC	49700	ug/L		17-JUN-96	20-JUN-96	B
IO - INORG	200238712	412072	TANK T-002;PLA	FLUORIDE	668	mg/L		17-JUN-96	21-JUN-96	B
URANIUM & THORI	200238713	412072	TANK T-002;PLA	URANIUM 234	0.006	WT %		17-JUN-96	21-JUN-96	B
URANIUM & THORI	200238713	412072	TANK T-002;PLA	URANIUM 235	0.751	WT %		17-JUN-96	21-JUN-96	B
URANIUM & THORI	200238713	412072	TANK T-002;PLA	URANIUM 236	0.017	WT %		17-JUN-96	21-JUN-96	B
URANIUM & THORI	200238713	412072	TANK T-002;PLA	URANIUM 238	99.2	WT %		17-JUN-96	21-JUN-96	B
URANIUM & THORI	200238714	412072	TANK T-002;PLA	URANIUM	0.871	g/L		17-JUN-96	19-JUN-96	B

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END OF REPORT

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 TIME 16:17:12

SUBMARY REPORT

PAGE 1

RELEASE NUMBER : 1000010632
 PROJECT NAME : 95-1159 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221721	412008		TANK T-003;PLA		1,1,1,2-TETRACH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,1,1-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,1,2,2-TETRACH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,1,2-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,1-DICHLOROETH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,1-DICHLOROETH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,1-DICHLOROPRO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2,3-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2,3-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2,4-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2,4-TRIMETHYL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2-DIBROMO-3-C	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2-DIBROMOETHA	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2-DICHLOROBEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2-DICHLOROBEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,2-DICHLOROPRO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,3,5-TRIMETHYL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,3-DICHLOROBEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,3-DICHLOROPRO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		1,4-DICHLOROBEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		2,2-DICHLOROPRO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		2-BUTANONE	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		2-CHLOROTOLUENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		2-HEXANONE	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		4-CHLOROTOLUENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		4-METHYL-2-PENT	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		ACETONE	2400	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		BENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		BROMOBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		BROMOCHLOROMETH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		BROMODICHLOROME	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		BROMOFORM	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		BROMOMETHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CARBON DISULFID	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CARBON TETRACHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CHLOROBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CHLORODIBROMONE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CHLOROETHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CHLOROFORM	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CHLOROMETHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CIS-1,2-DICHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		CIS-1,3-DICHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		DIBROMOMETHANE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		DICHLORODIFLUOR	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		ETHYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		HEXACHLOROBUTAD	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		ISOPROPYL BENZE	25	ug/L	U	18-MAR-96	26-MAR-96	B

Your Selection Criteria Was:

Release Number: 1000010632 Component: X Submission ID: X Project Name: X
 From Received Date: X Display Text? N

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SLIDMANY REPORT
(PRELIMINARY)

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RELEASE NUMBER : 1000010632
PROJECT NAME : 95-1159 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221721	412008		TANK T-003;PLA		METHYLENE CHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		N-BUTYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		N-PROPYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		NAPHTHALENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		P-ISOPROPYLTOLU	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		SEC-BUTYLBENZEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		STYRENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		SURR1(OIBROMOFL	98.2	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		SURR2(TOLUENE-D	105	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		SURR3(BROMOFLMO	104	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TERT-BUTYLBENZE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TETRACHLOROTRE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TOLUENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TRANS-1,2-DICHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TRANS-1,3-DICHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TRICHLOROETHENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TRICHLOROFLUORO	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		VINYL ACETATE	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		VINYL CHLORIDE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		XYLENES-M,P	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		XYLENES-O	25	ug/L	U	18-MAR-96	26-MAR-96	B
INORGANICS-EPH	200221722	412009		TANK T-003;PLA		OIL & GREASE		mg/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		ARSENIC		ug/L		18-MAR-96	27-MAR-96	B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		BARIUM		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		CADMIUM		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		CHROMIUM		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		LEAD		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		LEAD		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		MERCURY		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		SELENIUM		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		SILVER		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		SILVER		ug/L		18-MAR-96		B
INORGANICS-EPH	200221724	412011		TANK T-003;PLA		FLUORIDE	689	mg/L		18-MAR-96	20-MAR-96	B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LND		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LND		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235-LBC		YES/N		18-MAR-96		B

Your Selection Criteria Was:

Release Number: 1000010632 Component: X Submission ID: X Project Name: X
From Received Date: X Display Text? N

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DATE 29-MAR-96
TIME 13:33:17

SUMMARY REPORT
(PRELIMINARY)

RELEASE NUMBER : 1000010632
PROJECT NAME : 95-1159 PLANT 4 O&O

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221721	412008		TANK T-003;PLA		METHYLENE CHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		N-BUTYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		N-PROPYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		NAPHTHALENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		P-ISOPROPYLGLU	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		SEC-BUTYLBENZEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		STYRENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		SURR1(DIBROMOFL	98.2	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		SURR2(TOLUENE-D	103	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		SURR3(BROMOFLUO	104	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TERT-BUTYLBENZE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TETRACHLOROETHE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TOLUENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TRANS-1,2-DICHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TRANS-1,3-DICHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TRICHLOROETHENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		TRICHLOROFLURO	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		VINYL ACETATE	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		VINYL CHLORIDE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		XYLENES-M,P	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221721	412008		TANK T-003;PLA		XYLENES-O	25	ug/L	U	18-MAR-96	26-MAR-96	B
INORGANICS-EPH	200221722	412009		TANK T-003;PLA		OIL & GREASE		mg/L		18-MAR-96		B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		ARSENIC	80.7	ug/L		18-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		BARIUM	154	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		CADMIUM	6900	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		CHROMIUM	2361	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		LEAD	3194	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		MERCURY	18.6	ug/L		18-MAR-96	23-MAR-96	B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		SELENIUM	25.0	ug/L	U	18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221723	412010		TANK T-003;PLA		SILVER	3434	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-EPH	200221724	412011		TANK T-003;PLA		FLUORIDE	689	mg/L		18-MAR-96	20-MAR-96	B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LND		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LND		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 234-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221725	412012		TANK T-003;PLA		URANIUM 235-LCE		2 sig		18-MAR-96		B

Your Selection Criteria Was:

Release Number: 1000010632 Component: X Submission ID: X Project Name: X
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RELEASE NUMBER : 1000010632
PROJECT NAME : 95-1159 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 235-LCE		2 sfg		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 235-LCE		2 sfg		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 235-LMD		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 235-LMD		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 235-LTP		2 sfg		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 235-LTP		2 sfg		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236-LCE		2 sfg		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236-LCE		2 sfg		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236-LMD		WT %		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236-LMD		pci/m		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236-LTP		2 sfg		18-MAR-96		B
MASS SPECTROSCO	200221725		412012	TANK T-003;PLA		URANIUM 236-LTP		2 sfg		18-MAR-96		B
INORGANICS-EPH	200221726		412013	TANK T-003;PLA		URANIUM	1590	mg/L		18-MAR-96	27-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,1,1,2-TETRACH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,1,1-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,1,2,2-TETRACH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,1,2-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,1-DICHLOROETH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,1-DICHLOROETH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,1-DICHLOROPRO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2,3-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2,3-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2,4-TRICHLORO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2,4-TRIMETHYL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2-DIBROMO-3-C	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2-DIBROMOETHA	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2-DICHLOROBEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2-DICHLOROETH	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,2-DICHLOROPRO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,3,5-TRIMETHYL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,3-DICHLOROBEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,3-DICHLOROPRO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		1,4-DICHLOROBEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		2,2-DICHLOROPRO	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		2-BUTANONE	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		2-CHLOROTOLUENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		2-HEXANONE	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		4-CHLOROTOLUENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		4-METHYL-2-PENT	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		ACETONE	2400	ug/L		18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		BENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		BROMOBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727		412015	TANK T-004;PLA		BROMOCHLOROMETH	25	ug/L	U	18-MAR-96	26-MAR-96	B

Your Selection Criteria Was:

Release Number: 1000010632 Components: X Submission ID: X Project Name: X
From Received Date: X Display Text: N

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SUMMARY REPORT
(PRELIMINARY)

RELEASE NUMBER : 1000010632
PROJECT NAME : 95-1159 PLANT 4 DED

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LG	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221727	412015		TANK T-004;PLA		BROMODICHLOROME	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		BROMOFORM	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		BROMOMETHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CARBON DISULFID	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CARBON TETRACHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLOROBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLORODIBROMOME	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLOROTHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLOROFORM	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLOROMETHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CIS-1,2-DICHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CIS-1,3-DICHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		DIBROMOMETHANE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		DICHLORODIFLUOR	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		ETHYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		HEXACHLOROCUTAD	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		ISOPROPYL BENZE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		METHYLENE CHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		N-BUTYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		N-PROPYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		NAPHTHALENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		P-ISOPROPYLTOLU	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		SEC-BUTYLBENZEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		STYRENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		SURR1(DIBROMOFL	81	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		SURR2(TOLUENE-D	108	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		SURR3(BROMOFLUO	107	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TERT-BUTYLBENZE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TETRACHLOROETHE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TOLUENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TRANS-1,2-DICHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TRANS-1,3-DICHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TRICHLOROETHENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TRICHLOROFLUORO	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		VINYL ACETATE	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		VINYL CHLORIDE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		XYLENES-M,P	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		XYLENES-O	25	ug/L	U	18-MAR-96	26-MAR-96	B
INORGANICS-EPH	200221728	412016		TANK T-004;PLA		OIL & GREASE		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		ARSENIC		ug/L		18-MAR-96	26-MAR-96	B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		BARIUM		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		CADMIUM		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		CHROMIUM		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		LEAD		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		LEAD		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		MERCURY		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		SELENIUM		ug/L		18-MAR-96		B

Your Selection Criteria Was:

Release Number: 1000010632 Component: X Submission ID: X Project Name: X
From Received Date: X Display Text? N

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RELEASE NUMBER : 1000010632
PROJECT NAME : 95-1159 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
ORGANICS	200221727	412015		TANK T-004;PLA		BROMOMETHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CARBON DISULFID	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CARBON TETRACHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLOROBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLORODIBROMONE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLOROETHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLOROFORN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CHLOROMETHANE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CIS-1,2-DICHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		CIS-1,3-DICHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		DIBROMOMETHANE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		DICHLORODIFLUOR	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		ETHYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		HEXACHLOROCYCLAD	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		ISOPROPYL BENZE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		METHYLENE CHLOR	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		N-BUTYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		N-PROPYLBENZENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		NAPHTHALENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		P-ISOPROPYLTOLU	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		SEC-BUTYLBENZEN	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		STYRENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		SURR1(DIBROMOFL	61	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		SURR2(TOLUENE-D	108	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		SURR3(BROMOFLUD	107	% REC		18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TERT-BUTYLBENZE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TETRACHLOROETHE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TOLUENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TRANS-1,2-DICHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TRANS-1,3-DICHL	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TRICHLOROETHENE	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		TRICHLOROFLUORO	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		VINYL ACETATE	250	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		VINYL CHLORIDE	50	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		XYLENES-M,P	25	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221727	412015		TANK T-004;PLA		XYLENES-O	25	ug/L	U	18-MAR-96	26-MAR-96	B
INORGANICS-EPM	200221728	412016		TANK T-004;PLA		OIL & GREASE		mg/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		ARSENIC	61.6	ug/L		18-MAR-96	22-MAR-96	B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		BARIUM	76.5	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		CADMIUM	4586	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		CHROMIUM	4137	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		LEAD	1132	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		MERCURY	3.9	ug/L		18-MAR-96	23-MAR-96	B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		SELENIUM	25.0	ug/L	U	18-MAR-96	28-MAR-96	B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		SILVER	2138	ug/L		18-MAR-96	28-MAR-96	B
INORGANICS-EPM	200221730	412018		TANK T-004;PLA		FLUORIDE	1185	mg/L		18-MAR-96	20-MAR-96	B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234		pCi/m		18-MAR-96		B

Your Selection Criteria Was:

Release Number: 1000010632 Component: X Submission ID: X Project Name: X
From Received Date: X Display Text? N

000070

DATE 28-MAR-96
TIME 16:17:12

SUMMARY REPORT
(PRELIMINARY)

PAGE 5

RELEASE NUMBER : 1000010632
PROJECT NAME : 95-1159 PLANT 4 D&D

LAB	SAMPLE ID	USER	SAMPLE ID	SAMPLE POINT	SUFFIX	COMPONENT	RESULT	UNITS	LO	DATE SAMPLED	DATE TASK PERFORMED	ASL
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		SILVER		ug/L		18-MAR-96		B
INORGANICS-AA/I	200221729	412017		TANK T-004;PLA		SILVER		ug/L		18-MAR-96		B
INORGANICS-EPM	200221730	412018		TANK T-004;PLA		FLUORIDE	1185	mg/L		18-MAR-96	20-MAR-96	B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234		pCi/m		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234		WT %		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234-LMD		pCi/m		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234-LMD		WT %		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 234-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235		pCi/m		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235		WT %		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235-LMD		pCi/m		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235-LMD		WT %		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 235-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236		pCi/m		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236		WT %		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236-LBC		YES/N		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236-LCE		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236-LMD		pCi/m		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236-LMD		WT %		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236-LTP		2 sig		18-MAR-96		B
MASS SPECTROSCO	200221731	412019		TANK T-004;PLA		URANIUM 236-LTP		2 sig		18-MAR-96		B
INORGANICS-EPM	200221732	412020		TANK T-004;PLA		URANIUM	1120	mg/L		18-MAR-96	27-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,1,1,2-TETRACH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,1,1-TRICHLORO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,1,2,2-TETRACH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,1,2-TRICHLORO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,1-DICHLOROETH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,1-DICHLOROETH	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,1-DICHLOROPRO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,2,3-TRICHLORO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,2,3-TRICHLORO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,2,4-TRICHLORO	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,2,4-TRINETHYL	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,2-DIBROMO-3-C	5	ug/L	U	18-MAR-96	26-MAR-96	B
ORGANICS	200221733	412014		TRIP BLANK		1,2-DIBROMOETHA	5	ug/L	U	18-MAR-96	26-MAR-96	B

Your Selection Criteria Was:

Release Number: 1000010632 Component: X Submission ID: X Project Name: X
From Received Date: X Display Text? N

000071

ATTACHMENT C

This Attachment contains three Sitewide Waste Information, Forecasting and Tracking System Reports soley dealing with the Building 4A D&D materials.

SITEWIDE WASTE INFORMATION, FORECASTING, AND TRACKING SYSTEM SWIFTS for Building 4A D&D Only

Attached are examples from three different SWIFTS reports. Only one page of each report is provided for example purposes. Below is a key to interpret the different reports.

Report 1

The first column is the Project Number, Plant 4 D&D was assigned Project Number 382.

The second column is the storage location:

0004 - is the Plant 4 gravel area	010A - is the Building 10 pad
0080 - is the Building 80 gravel area	0001 - is the Plant 1 Pad
02/3 - is the Plant 2/3 Pad	0079 - is inside storage at Building 79
0007 - is the Plant 7 gravel area	

The third column is the specific Area within a location

The fourth column is the material type:

011 - Concrete	028 - Asbestos
015 - Oil	065 - Scrap process salts
003 - Non-Recoverable Trash, includes paper, plastic, glass, metal, etc. An additional code is used to identify which type(s) of material are inside the container.	

The fifth column is the Container code:

030, 055 and 085 are different sizes of drums
300 are Small White Metal Boxes (SWMBs)
200 - ISO containers
616 - Roll-off Box

The sixth column is the Inventory Number, this is the site tracking number

The seventh column is the serial number on the container from the manufacturer

The eighth column is the net weight in pounds

The ninth column is the container's status (shipped off-site/active stored on-site)

Report 2

This report varies from the first report in column 4. Report 2 uses the Categories from the OU3 RI/FS:

B - Inaccessible Metal	E- Concrete
I and I1 - miscellaneous	

Report 3

This report differs from the previous two reports since this report is on the stockpiled material.

Column 1 is the Pile location:

W800001 - is RI/FS Category A material located at Plant 4A slab

W800002 - is RI/FS Category B material located at Plant 1 Pad

W000003 - is RI/FS Category E material located at Plant 7 West

Column 2 is the Inventory Number. This is the inventory number of the roll-off box that was emptied at the material stockpile. Roll-off containers may be emptied and re-used. The inventory number is not changed. SWIFTS automatically regenerated the Roll-off box as empty when the contents were added to the stockpile.

Column 5 is the RI/FS Category listing again.

Column 6 is the net weight of the material added to the stockpile.

26/97 10:46

SiteWide Waste Information, Forecasting, and Tracking System
 Debris Pile Transaction Information for the Plant 4 D&D Project

Pile Id	Cont. Inv #	Cont. Type	Project	Category	Weight (lbs) Added to Pile
W800001	W999888	999	382	A	2,994,420
Total lbs from Plant 4 D&D: 2,994,420					
W800002	W134969	616	382	B	29,910
	W136368	616	382	B	16,480
	W136553	616	382	B	15,500
	W136550	616	382	B	15,740
	W136591	616	382	B	17,620
	W136555	616	382	B	13,460
	W135447	616	382	B	17,700
	W135108	616	382	B	13,690
	W136683	616	382	B	17,550
	W135974	616	382	B	12,990
	W136549	616	382	B	16,540
	W136487	616	382	B	15,430
	W135972	616	382	B	14,270
	W136685	616	382	B	15,480
	W151269	616	382	B	23,100
	W135749	616	382	B	13,830
	W136684	616	382	B	20,870
	W151405	616	382	B	11,770
	W136678	616	382	B	14,370
	W136812	616	382	B	17,970
	W136814	616	382	B	23,350
	W135896	616	382	B	14,850
	W151403	616	382	B	17,240
	W151468	616	382	B	11,170
	W134980	616	382	B	18,810
	W135937	616	382	B	15,450
	W136815	616	382	B	14,890
	W134974	616	382	B	13,650
	W134975	616	382	B	5,950
	W151471	616	382	B	17,120
	W135106	616	382	B	10,490
	W135897	616	382	B	14,850
	W136811	616	382	B	15,860
	W134970	616	382	B	19,170
	W135034	616	382	B	20,540
	W136677	616	382	B	12,100
	W134968	616	382	B	15,370
	W151270	616	382	B	11,580
	W151654	616	382	B	13,490
	W135234	616	382	B	16,320
	W135449	616	382	B	14,870
	W136816	616	382	B	14,730
	W136551	616	382	B	23,940
	W136369	616	382	B	25,230
	W151542	616	382	B	23,340

Total lbs from Plant 4 D&D: 738,630

000075

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SiteWide Waste Information, Forecasting, and Tracking System
Debris Pile Transaction Information for the Plant 4 D&D Project

File Id	Cont. Inv #	Cont. Type	Project	Category	Weight (lbs) Added to Pile
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W800003	W999888	999	382	G	671,160
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Total lbs from Plant 4 D&D: 671,160

Total Weight (lbs) Added to Pile from Plant 4 D&D to date: 4,404,210

000076

SiteWide Waste Information, Forecasting, and Tracking System
 Container Inventory Awaiting Off-Site Disposal, Treatment, or
 Certification Meeting OSDF Requirements for Plant 4 D&D by Location

#	Loc	Area	Mat	Con	Inv_No	Serial_N	Net Weight	Status
0001	C		028	340	W136478	420020	1,791	ACTIVE
			028	340	W136525	420075	1,703	ACTIVE
			028	340	W136532	420070	1,621	ACTIVE
			028	340	W136576	420078	1,762	ACTIVE
			028	340	W136604	420111	1,437	ACTIVE
			028	340	W136562	420091	1,167	ACTIVE
			028	340	W136542	420059	1,871	ACTIVE
			028	340	W136609	420108	1,725	ACTIVE
			028	340	W136741	420244	2,091	ACTIVE
			028	340	W136668	420171	2,139	ACTIVE
			028	340	W151275	420445	1,541	ACTIVE
			028	340	W151274	420450	1,923	ACTIVE
			028	340	W136842	420333	1,443	ACTIVE
			028	340	W136756	420259	1,801	ACTIVE
			028	340	W136754	420258	1,779	ACTIVE
			028	340	W136753	420257	1,821	ACTIVE
			028	340	W136750	420254	1,737	ACTIVE
			028	340	W136743	420240	2,131	ACTIVE
I			003	340	W151916	420689	4,670	ACTIVE
			028	340	W136456	420019	1,582	ACTIVE
			028	340	W136463	420011	981	ACTIVE
			028	340	W136495	420046	1,538	ACTIVE
			028	340	W136507	420041	1,816	ACTIVE
			028	340	W136516	420037	1,580	ACTIVE
			028	340	W136539	420052	852	ACTIVE
			028	340	W136531	420061	1,499	ACTIVE
			028	340	W136826	420325	2,158	ACTIVE
			028	340	W136817	420319	1,268	ACTIVE
			028	340	W136761	420250	1,518	ACTIVE
			028	340	W136758	420248	2,790	ACTIVE
			028	340	W136752	420256	1,816	ACTIVE
			028	340	W136749	420249	2,040	ACTIVE
			028	340	W136748	420237	1,786	ACTIVE
			028	340	W136745	420238	1,694	ACTIVE
			028	340	W136744	420241	1,318	ACTIVE
			028	340	W136742	420242	1,448	ACTIVE
			028	340	W136739	420243	1,422	ACTIVE
			028	340	W136737	420239	1,948	ACTIVE
			028	340	W136667	420157	1,356	ACTIVE
			028	340	W136662	420177	890	ACTIVE
			028	340	W136660	420176	1,542	ACTIVE
			028	340	W136598	420107	1,542	ACTIVE
			028	340	W151568	420468	1,798	ACTIVE
			028	340	W151565	420506	1,460	ACTIVE
			028	340	W151564	420513	1,858	ACTIVE
			028	340	W151280	420457	1,812	ACTIVE
			028	340	W151277	420466	2,048	ACTIVE
			028	340	W136886	420342	2,072	ACTIVE
			028	340	W136851	420299	2,147	ACTIVE
			028	340	W136850	420306	2,068	ACTIVE
			028	340	W151766	420613	2,083	ACTIVE
			028	340	W151765	420623	2,083	ACTIVE

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SiteWide Waste Information, Forecasting, and Tracking System
 Container Inventory Awaiting Off-Site Disposal, Treatment, or
 Certification Meeting OSDF Requirements for Plant 4 D&D by Location

Proj #	Loc	Area	Mat	Con	Inv_No	Serial_N	Net Weight	Status
			028	340	W151763	420616	1,968	ACTIVE
			028	340	W151761	420598	2,166	ACTIVE
			028	340	W151589	420492	1,625	ACTIVE
			028	340	W151586	420480	1,943	ACTIVE
			028	340	W151583	420469	1,092	ACTIVE
			028	340	W151582	420470	2,332	ACTIVE
			028	340	W151823	420630	1,406	ACTIVE
			028	340	W151821	420669	1,586	ACTIVE
			028	340	W151819	420635	2,076	ACTIVE
			028	340	W151816	420647	2,022	ACTIVE
			028	340	W151815	420642	1,659	ACTIVE
			028	340	W151814	420640	988	ACTIVE
			028	340	W151813	420637	1,863	ACTIVE
			028	340	W151812	420644	1,264	ACTIVE
			028	340	W151863	420654	2,024	ACTIVE
			028	340	W151862	420643	1,645	ACTIVE
			028	340	W151861	420648	1,737	ACTIVE
			028	340	W151860	420670	1,861	ACTIVE
			028	340	W151857	420671	1,935	ACTIVE
			028	340	W151832	420629	1,664	ACTIVE
			028	340	W151831	420628	1,572	ACTIVE
			028	340	W151829	420650	2,292	ACTIVE
			028	340	W151828	420646	1,586	ACTIVE
			028	340	W151827	420626	2,176	ACTIVE
			028	340	W151826	420638	1,511	ACTIVE
			028	340	W151825	420634	1,899	ACTIVE
			028	340	W151824	420627	1,378	ACTIVE
			028	340	W151811	420632	1,393	ACTIVE
			028	340	W151795	420579	2,189	ACTIVE
			028	340	W151794	420584	1,730	ACTIVE
			028	340	W151783	420606	1,751	ACTIVE
			028	340	W151782	420608	1,636	ACTIVE
			028	340	W151775	420614	1,781	ACTIVE
			028	340	W151770	420609	2,179	ACTIVE
			028	340	W151767	420600	1,845	ACTIVE
			028	340	W151581	420514	760	ACTIVE
			028	340	W151580	420521	2,250	ACTIVE
			028	340	W151579	420510	1,778	ACTIVE
			028	340	W151578	420508	1,952	ACTIVE
			028	340	W151574	420501	1,956	ACTIVE
			028	340	W151573	420504	2,946	ACTIVE
			028	340	W151572	420496	1,416	ACTIVE
			028	340	W151569	420485	761	ACTIVE
			028	340	W136581	420082	2,306	ACTIVE
			028	340	W136529	420074	2,607	ACTIVE
			028	340	W136522	420068	1,521	ACTIVE
			028	340	W136500	420040	1,616	ACTIVE
			028	340	W136497	420032	1,614	ACTIVE
			028	340	W136469	420007	2,136	ACTIVE
			028	340	W136513	420038	1,772	ACTIVE
			028	306	W134369	740417	1,154	ACTIVE
			028	306	W134375	740393	1,386	ACTIVE

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SiteWide Waste Information, Forecasting, and Tracking System
 Container Inventory Awaiting Off-Site Disposal, Treatment, or
 Certification Meeting OSDF Requirements for Plant 4 D&D by Location

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#	Loc	Area	Mat	Con	Inv_No	Serial_N	Net Weight	Status
			028	306	W134377	740399	1,251	ACTIVE
			028	340	W136454	420023	1,182	ACTIVE
			028	340	W136460	420003	2,376	ACTIVE
			028	340	W136465	420024	2,012	ACTIVE
			028	340	W136467	420018	1,486	ACTIVE
			028	340	W136466	420005	2,176	ACTIVE
			028	340	W136740	420245	1,871	ACTIVE
			028	340	W136738	420234	2,355	ACTIVE
			028	340	W136664	420162	1,463	ACTIVE
			028	340	W136656	420164	1,428	ACTIVE
			028	340	W136655	420174	1,585	ACTIVE
			028	340	W136605	420109	1,928	ACTIVE
			028	340	W136573	420092	1,875	ACTIVE
			028	340	W136572	420096	1,830	ACTIVE
			028	340	W136571	420094	2,095	ACTIVE
			028	340	W136563	420099	2,408	ACTIVE
			028	340	W136546	420053	1,965	ACTIVE
			028	340	W136540	420054	1,781	ACTIVE
			028	340	W136514	420039	1,865	ACTIVE
			028	340	W136512	420051	2,372	ACTIVE
			028	340	W136511	420035	1,692	ACTIVE
			028	340	W136505	420027	1,821	ACTIVE
			028	340	W136499	420030	1,940	ACTIVE
			028	340	W136496	420036	1,930	ACTIVE
			028	340	W136492	420045	1,674	ACTIVE
			028	340	W136491	420044	1,245	ACTIVE
			028	340	W151859	420658	1,088	ACTIVE
			028	340	W151858	420666	2,045	ACTIVE
			028	340	W151856	420674	1,568	ACTIVE
			028	340	W151855	420649	2,603	ACTIVE
			028	340	W151854	420633	1,480	ACTIVE
			028	340	W151853	420672	1,250	ACTIVE
			028	340	W151852	420673	1,626	ACTIVE
			028	340	W151851	420665	2,295	ACTIVE
			028	340	W151850	420664	1,596	ACTIVE
			028	340	W151849	420653	1,185	ACTIVE
			028	340	W151848	420636	2,440	ACTIVE
			028	340	W151847	420652	596	ACTIVE
			028	340	W151846	420657	2,127	ACTIVE
			028	340	W151845	420651	1,339	ACTIVE
			028	340	W151844	420655	2,089	ACTIVE
			028	340	W151843	420663	2,038	ACTIVE
			028	340	W151842	420659	1,485	ACTIVE
			028	340	W151841	420656	2,220	ACTIVE
			028	340	W151840	420668	2,512	ACTIVE
			028	340	W151839	420675	2,145	ACTIVE
			028	340	W151838	420588	1,982	ACTIVE
			028	340	W151837	420592	1,470	ACTIVE
			028	340	W151834	420660	1,579	ACTIVE
			028	340	W151833	420661	1,610	ACTIVE
			028	340	W151830	420625	1,667	ACTIVE
			028	340	W151822	420667	1,543	ACTIVE

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03/26/97 10:47

SiteWide Waste Information, Forecasting, and Tracking System
 Container Inventory Awaiting Off-Site Disposal, Treatment, or
 Certification Meeting OSDF Requirements for Plant 4 D&D by Location

Proj #	Loc	Area	Mat	Con	Inv_No	Serial_N	Net Weight	Status
			028	340	W151820	420624	2,242	ACTIVE
			028	340	W151818	420639	1,703	ACTIVE
			028	340	W151817	420645	1,857	ACTIVE
			028	340	W151809	420582	2,092	ACTIVE
			028	340	W151808	420585	1,651	ACTIVE
			028	340	W151807	420595	1,980	ACTIVE
			028	340	W151806	420594	1,936	ACTIVE
			028	340	W151805	420589	1,691	ACTIVE
			028	340	W151804	420583	1,959	ACTIVE
			028	340	W151803	420577	1,934	ACTIVE
			028	340	W151802	420575	2,432	ACTIVE
			028	340	W151797	420597	991	ACTIVE
			028	340	W151796	420590	1,833	ACTIVE
			028	340	W151793	420574	1,791	ACTIVE
			028	340	W151792	420586	1,826	ACTIVE
			028	340	W151791	420593	1,702	ACTIVE
			028	340	W151790	420572	913	ACTIVE
			028	340	W151785	420618	1,987	ACTIVE
			028	340	W151784	420611	1,437	ACTIVE
			028	340	W151781	420607	1,599	ACTIVE
			028	340	W151780	420602	1,187	ACTIVE
			028	340	W151779	420605	1,975	ACTIVE
			028	340	W151778	420619	1,918	ACTIVE
			028	340	W151777	420610	1,424	ACTIVE
			028	340	W151776	420604	1,954	ACTIVE
			028	340	W151774	420617	1,980	ACTIVE
			028	340	W151771	420601	2,263	ACTIVE
			028	340	W151769	420599	1,993	ACTIVE
			028	340	W151768	420622	1,685	ACTIVE
			028	340	W151764	420615	2,074	ACTIVE
			028	340	W151760	420603	1,588	ACTIVE
			028	340	W151575	420499	1,496	ACTIVE
			028	340	W151571	420519	2,040	ACTIVE
			028	340	W151570	420516	2,087	ACTIVE
			028	340	W151563	420515	2,080	ACTIVE
			028	340	W151562	420494	1,719	ACTIVE
			028	340	W151559	420488	1,781	ACTIVE
			028	340	W151558	420487	1,380	ACTIVE
			028	340	W151959	420774	2,696	ACTIVE
			028	340	W151958	420767	2,269	ACTIVE
			028	340	W151956	420770	2,429	ACTIVE
			028	340	W151955	420752	2,827	ACTIVE
			028	340	W151954	420738	2,645	ACTIVE
			028	340	W151953	420761	2,446	ACTIVE
			028	340	W151952	420779	2,720	ACTIVE
			028	340	W151908	420702	2,093	ACTIVE
			028	340	W151907	420693	1,618	ACTIVE
			028	340	W151906	420698	3,466	ACTIVE
			028	340	W151905	420700	1,966	ACTIVE
			028	340	W151892	420723	2,206	ACTIVE
			028	340	W151891	420692	2,430	ACTIVE
			028	340	W151890	420710	2,667	ACTIVE

000080

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SiteWide Waste Information, Forecasting, and Tracking System
 Container Inventory Awaiting Off-Site Disposal, Treatment, or
 Certification Meeting OSDF Requirements for Plant 4 D&D by Location

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j #	Loc	Area	Mat	Con	Inv_No	Serial_N	Net Weight	Status
			028	340	W151889	420720	2,646	ACTIVE
			028	340	W151888	420711	2,372	ACTIVE
			028	340	W151887	420714	878	ACTIVE
			028	340	W151886	420712	2,370	ACTIVE
			028	340	W151885	420685	2,889	ACTIVE
			028	340	W151884	420717	1,854	ACTIVE
			028	340	W151883	420722	2,491	ACTIVE
			028	340	W151882	420690	2,879	ACTIVE
			028	340	W151881	420707	1,622	ACTIVE
			028	340	W151880	420716	1,706	ACTIVE
			028	340	W151879	420705	2,689	ACTIVE
			028	340	W151878	420715	2,512	ACTIVE
			028	340	W151877	420699	1,852	ACTIVE
			028	340	W151874	420631	2,220	ACTIVE
			028	340	W151873	420704	1,705	ACTIVE
			028	340	W151872	420726	2,307	ACTIVE
			028	340	W151871	420703	2,290	ACTIVE
			028	340	W151864	420662	1,614	ACTIVE
			028	340	W151297	420454	2,818	ACTIVE
			028	340	W151296	420463	2,065	ACTIVE
			028	340	W151294	420465	2,306	ACTIVE
			028	340	W151250	420437	1,455	ACTIVE
			028	340	W136856	420296	1,791	ACTIVE
			028	340	W136844	420303	2,423	ACTIVE
			028	340	W136820	420315	1,699	ACTIVE
			028	340	W136819	420318	1,578	ACTIVE
			028	340	W136760	420251	2,207	ACTIVE
			028	340	W136759	420253	2,303	ACTIVE
			028	340	W136757	420252	1,396	ACTIVE
			028	340	W136755	420246	2,190	ACTIVE
			028	340	W136751	420255	3,221	ACTIVE
			028	340	W136747	420235	2,174	ACTIVE
			028	340	W136746	420236	1,486	ACTIVE
			028	340	W136537	420060	1,652	ACTIVE
			028	340	W136471	420016	2,446	ACTIVE
			028	340	W136464	420025	2,381	ACTIVE
			028	340	W136461	420004	2,266	ACTIVE
			028	340	W136459	420000	2,281	ACTIVE
			028	340	W136458	420013	2,491	ACTIVE
	L		003	200	W136810	500122	11,220	SHIPPED
			003	200	W136911	500148	19,420	SHIPPED
			003	200	W136912	500159	13,950	SHIPPED
			003	200	W151526	500191	14,970	SHIPPED
			003	200	W136913	500149	16,030	SHIPPED
			003	220	W155685	600005	19,970	SHIPPED
	M		003	200	W136771	500133	18,910	SHIPPED
			003	200	W136773	500131	11,730	SHIPPED
			003	200	W151537	500203	12,640	SHIPPED
			003	200	W151539	500202	13,020	SHIPPED
			003	200	W151538	500204	9,160	SHIPPED
			003	200	W151989	500231	17,620	SHIPPED
			003	200	W151987	500234	18,430	SHIPPED

000081

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SiteWide Waste Information, Forecasting, and Tracking System
 Container Inventory Awaiting Off-Site Disposal, Treatment, or
 Certification Meeting OSDF Requirements for Plant 4 D&D by Location

Proj #	Loc	Area	Mat	Con	Inv_No	Serial_N	Net Weight	Status
			003	200	W151927	500227	23,160	SHIPPED
			003	200	W151923	500217	17,640	SHIPPED
			003	200	W151922	500215	26,130	SHIPPED
			003	200	W151921	500219	18,900	SHIPPED
			003	200	W151541	500205	13,060	SHIPPED
			003	200	W151540	500201	11,260	SHIPPED
			003	200	W151993	500232	16,180	SHIPPED
			003	200	W151536	500209	9,640	SHIPPED
			003	200	W136809	500132	19,710	SHIPPED
			003	200	W136910	500154	13,790	SHIPPED
			003	200	W136909	500141	12,700	SHIPPED
			003	202	W155043	361553	16,070	SHIPPED
			003	203	W153489	361569	16,550	SHIPPED
			003	220	W155701	600003	29,500	SHIPPED
			003	220	W155702	600006	25,520	SHIPPED
	N		003	200	W151990	500237	16,760	SHIPPED
			003	203	W132483	361666	21,680	SHIPPED
			003	203	W153490	361554	15,860	SHIPPED
			003	220	W155684	600004	24,080	SHIPPED
			003	220	W155809	600008	21,420	SHIPPED
			028	200	W135382	200080	17,260	ACTIVE
			028	200	W136262	500040	14,980	ACTIVE
			028	200	W136002	500014	11,280	ACTIVE
			028	200	W135383	200073	14,800	ACTIVE
			028	200	W136001	500016	9,620	ACTIVE
			028	200	W135992	500018	8,560	ACTIVE
	TS4		003	030	W303300		27	ACTIVE
			003	055	W153934		430	ACTIVE
			003	055	W153939		50	ACTIVE
			003	055	W153942		403	ACTIVE
			003	055	W153944		445	ACTIVE
			003	055	W153946		38	ACTIVE
			003	055	W153945		444	ACTIVE
			003	055	W153951		312	ACTIVE
			003	055	W153950		222	ACTIVE
			003	055	W153949		9	ACTIVE
			003	055	W153948		45	ACTIVE
			003	055	W153947		37	ACTIVE
			003	055	W153943		27	ACTIVE
			003	055	W153940		451	ACTIVE
			003	055	W153935		205	ACTIVE
			003	055	W309298		52	ACTIVE
			003	055	W159880		127	ACTIVE
			011	030	W303284		262	ACTIVE
			011	055	W153952		485	ACTIVE
	TS6		015	055	W306556		109	ACTIVE
			065	085	W156868		240	ACTIVE
			065	085	W156869		225	ACTIVE
			065	085	W156870		128	ACTIVE

Total Containers Stored at Location: 309

0071 DOCK 003 202 W132892 361689 17,350 SHIPPED
 000082

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SiteWide Waste Information, Forecasting, and Tracking System
 Container Inventory Awaiting Off-Site Disposal, Treatment, or
 Certification Meeting OSDF Requirements for Plant 4 D&D by Location

j #	Loc	Area	Mat	Con	Inv_No	Serial_N	Net Weight	Status
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al Containers Stored at Location: 1

0079	BAY C		049	306	W134351	740413	2,103	ACTIVE
			049	306	W134387	740381	3,301	ACTIVE

al Containers Stored at Location: 2

al Containers from Plant 4 D&D (not tracked by OSDF): 312

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SiteWide Waste Information, Forecasting, and Tracking System
 OSDF Debris Containers in Interim Storage
 Awaiting Stockpiling or OSDF Disposition from Plant 4 D&D

Proj	Location	Area	Category	Inv No	Serial No	Con	Net Weight
382	0004	IP	E	W135749	950011	616	0
				W151405	49681	616	0
			I1	W151269	950023	616	0
Total Containers Stored at Location:				3			
	0007	IP	B	W134894	49676	616	33,390
				W135108	50371	616	31,550
				W135974	50338	616	27,210
			E	W136814	49709	616	31,290
			I1	W135447	950010	616	16,610
			W136594	49689	616	13,230	
			W136591	49699	616	7,830	
			W135938	49694	616	11,110	
			W136590	49670	616	10,570	
			W135972	50358	616	16,490	
Total Containers Stored at Location:				10			
	0080	N. GRAVEL	B	W151470	49708	616	19,230
				W151	49711	616	16,310
Total Containers Stored at Location:							
	010A	N. PAD	P		50356	616	26,570
					50370	616	15,580
					49680	616	10,430
					49714	616	9,840
					49698	616	8,510
					50364	616	6,690
					49687	616	9,890
					49672	616	10,320
					49691	616	10,250
					49688	616	10,310
					49677	616	10,890
				Total Containers Stored at			
	02/3	PAD		W134898	49684	616	10,890
				W134969	50341	616	7,410
				W136813	49704	616	9,250
				W136679	50365	616	9,990
				W135975	50354	616	10,230
				W136368	50366	616	9,890
Total Containers Stored at Location:				6			
Total Containers Interim Stored for OSDF from Plant 4 D&D:						32	

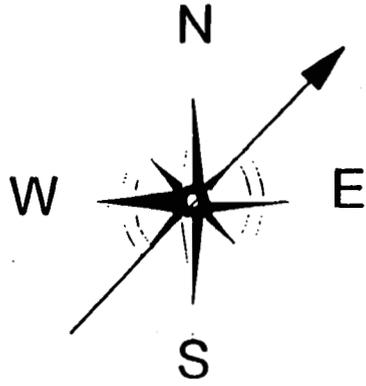
Report 3

ATTACHMENT D

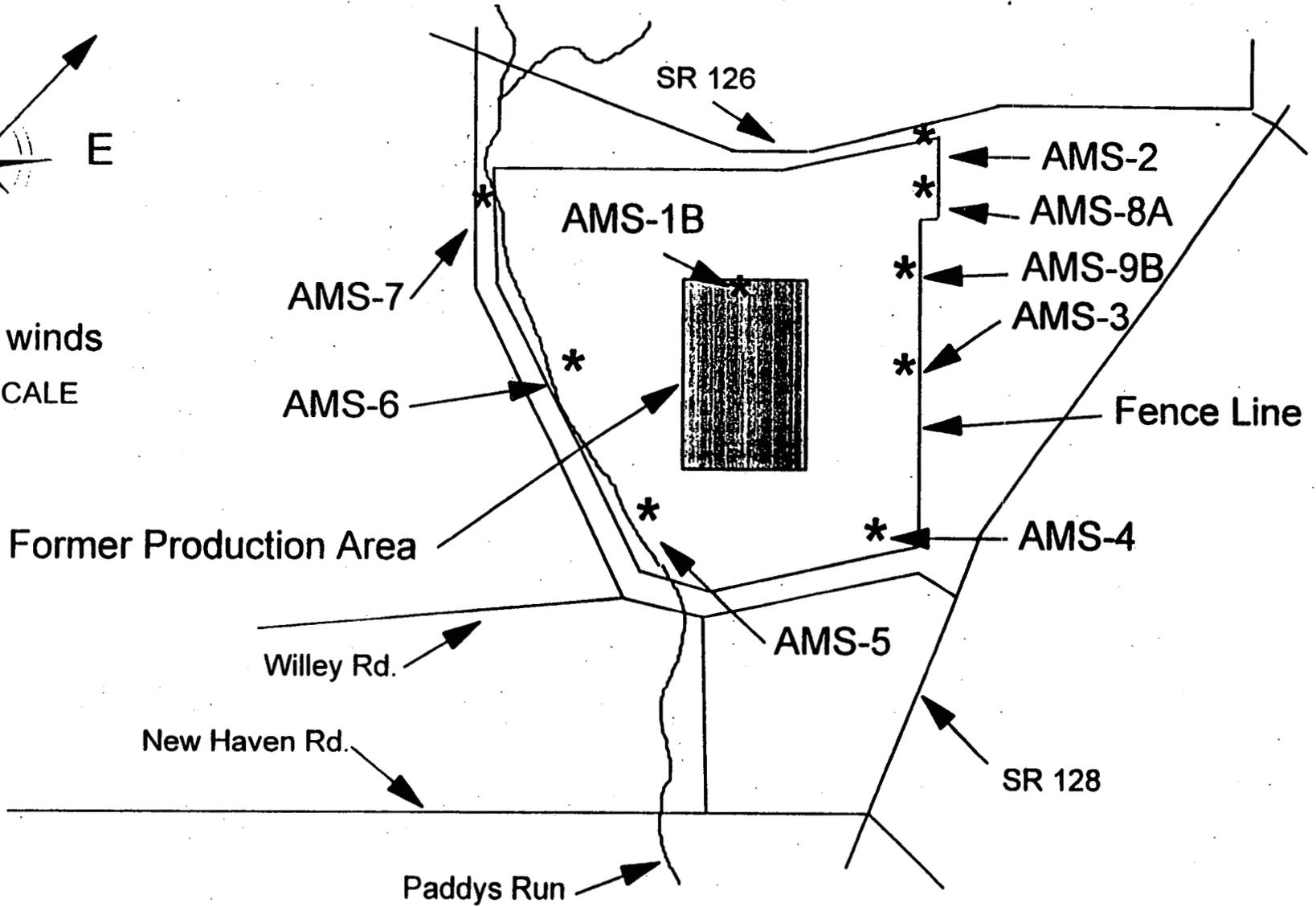
This Attachment contains a diagram of the site boundary air monitors and the project specific air monitoring data.

AMS Locations

ATTACHMENT B



Prevailing winds
NOT TO SCALE



980000

PROJECT SUMMARY REPORT - URANIUM IN AIR

Plant-4

280000

Baseline (March 25 through May 5, 1995)

1995 D&D (May 5 through Dec. 29)

1996 D&D (Dec. 29 through Aug. 2)

AMS Location	(pCi/m ³)		
	Minimum	Average	Maximum
P4-1	6.88E-04	1.36E-03	2.33E-03
P4-2	5.45E-04	2.24E-03	3.96E-03
P4-3	4.84E-04	1.07E-03	1.56E-03
P4-4	7.42E-04	1.64E-03	2.81E-03
P4-5	6.70E-04	6.97E-04	7.21E-04
P4-6	2.32E-04	1.12E-03	1.90E-03
P4-7	8.48E-05	1.83E-03	4.66E-03

AMS Location	(pCi/m ³)		
	Minimum	Average	Maximum
P4-1	1.83E-04	1.08E-03	2.94E-03
P4-2	5.36E-04	2.56E-03	8.38E-03
P4-3	5.72E-04	1.97E-03	4.60E-03
P4-4	4.42E-04	3.22E-03	9.44E-03
P4-5	1.05E-03	9.33E-03	2.27E-02
P4-6	2.34E-04	2.38E-03	1.01E-02
P4-7	1.98E-04	2.83E-03	9.11E-03

AMS Location	(pCi/m ³)		
	Minimum	Average	Maximum
P4-1	1.60E-04	1.70E-03	9.03E-03
P4-2	2.09E-04	2.99E-03	5.48E-03
P4-3	5.89E-04	2.14E-03	7.85E-03
P4-4	6.91E-04	4.09E-03	1.02E-02
P4-5	3.03E-03	1.09E-02	3.05E-02
P4-6	2.42E-04	2.37E-03	1.12E-02
P4-7	5.78E-04	3.29E-03	8.62E-03

Pre-Implosion (Aug. 2 through 23, 1996)

Implosion (Aug. 23 through 30, 1996)

Post-Implosion (Aug. 30 through Nov. 8)

AMS Location	(pCi/m ³)		
	Minimum	Average	Maximum
P4-1	3.12E-03	5.85E-03	1.04E-02
P4-2	7.02E-03	1.34E-02	2.27E-02
P4-3	1.02E-03	4.74E-03	1.05E-02
P4-4	9.66E-03	2.79E-02	4.04E-02
P4-5	3.54E-02	1.01E-01	1.51E-01
P4-6	6.62E-03	1.78E-02	3.29E-02
P4-7	4.91E-03	1.43E-02	2.81E-02

AMS Location	(pCi/m ³)		
	Minimum	Average	Maximum
P4-1	8.65E-03	8.65E-03	8.65E-03
P4-2	8.29E-02	8.29E-02	8.29E-02
P4-3	3.69E-03	3.69E-03	3.69E-03
P4-4	1.77E-02	1.77E-02	1.77E-02
P4-5	9.49E-02	9.49E-02	9.49E-02
P4-6	1.09E-02	1.09E-02	1.09E-02
P4-7	1.43E-02	1.43E-02	1.43E-02

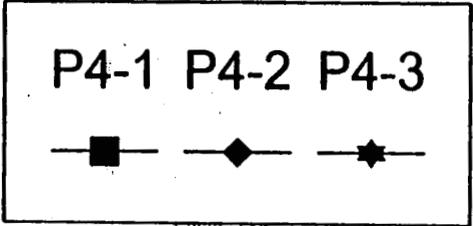
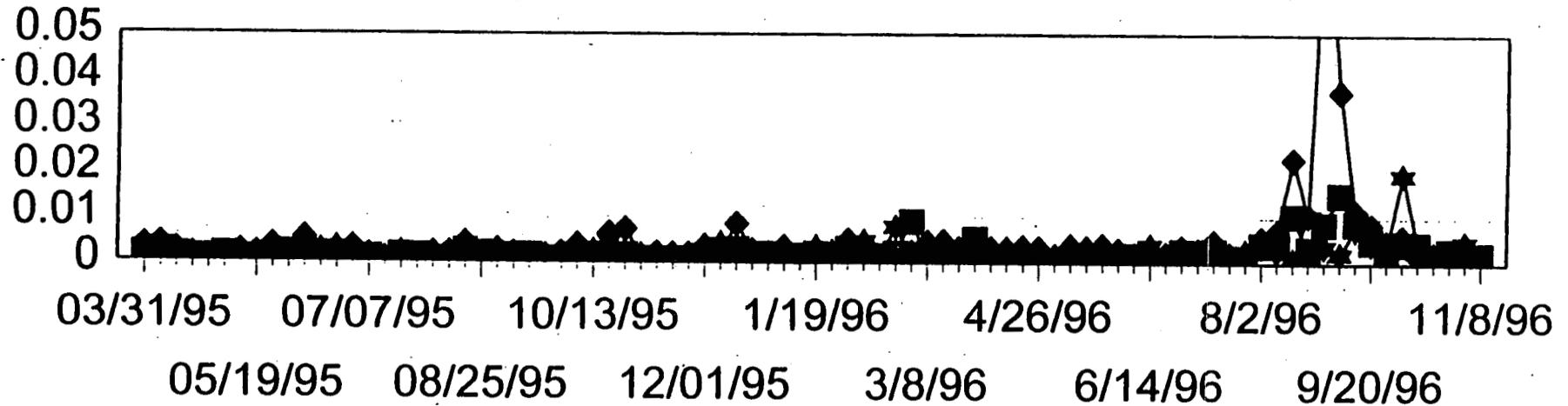
AMS Location	(pCi/m ³)		
	Minimum	Average	Maximum
P4-1	5.61E-04	4.69E-03	1.51E-02
P4-2	1.82E-03	7.83E-03	3.76E-02
P4-3	1.15E-03	5.10E-03	1.94E-02
P4-4	1.27E-03	5.73E-03	1.45E-02
P4-5	1.02E-03	1.25E-02	5.16E-02
P4-6	3.45E-04	4.27E-03	1.57E-02
P4-7	4.78E-04	6.80E-03	3.08E-02

Plant 4 Air Monitoring Results

Uranium Concentrations: pCi/m³

Upwind Monitors

Note: Off scale result for monitor P4-2 was 0.0829 pCi/m³.



*Internal Action Level: 0.1 pCi/m³. *Note: Serves as flag for Environmental Monitoring personnel to evaluate conditions/activities related to this concentration.

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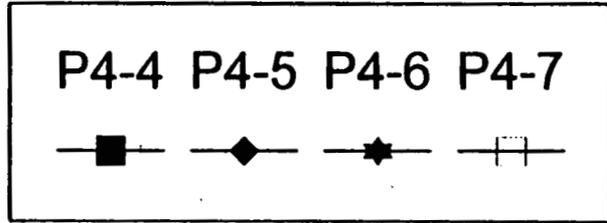
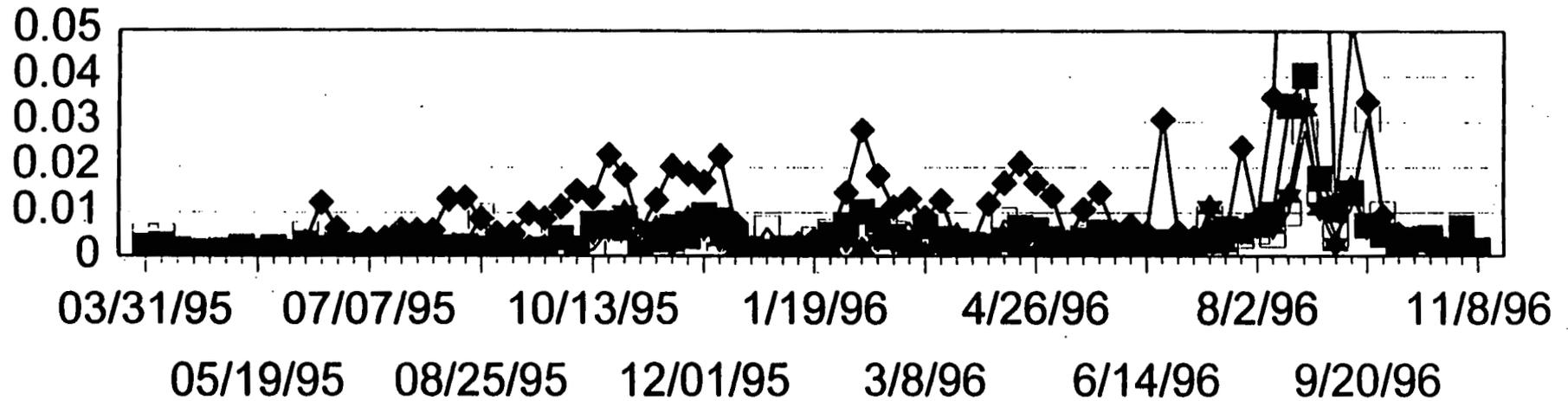
Plant 4 Air Monitoring Results

Uranium Concentrations: pCi/m³

Downwind Monitors

Note: Off scale result for monitor P4-3 was 0.0949 pCi/m³.

Note: Off scale result for monitor P4-3 was 0.0516 pCi/m³.



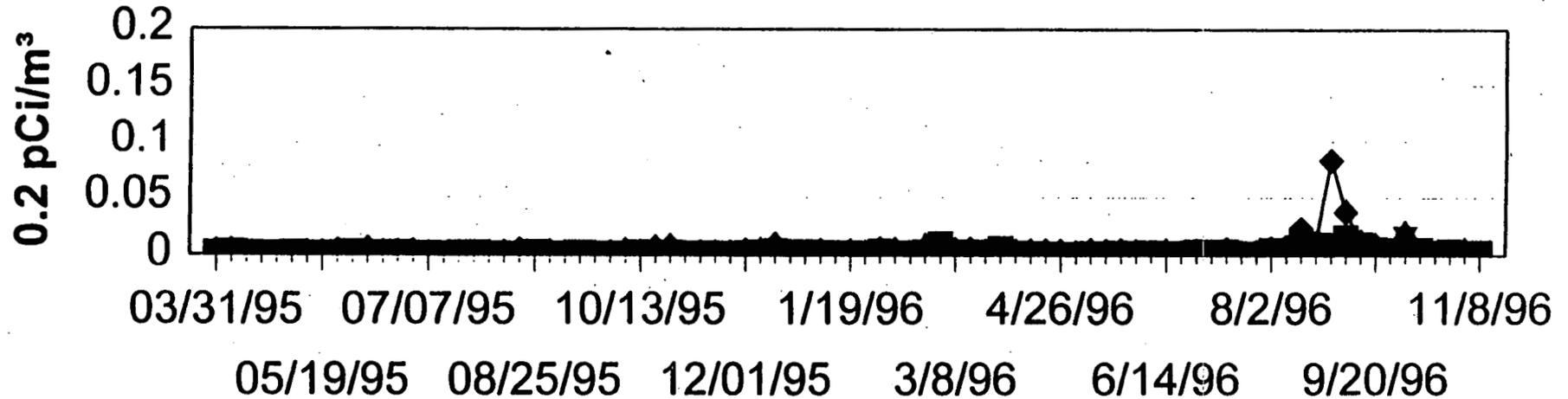
*Internal Action Level: 0.1 pCi/m³. *Note: Serves as flag for Environmental Monitoring personnel to evaluate conditions/activities related to this concentration.

680000

Plant 4 Air Monitoring Results

Uranium Concentrations: pCi/m³

Upwind Monitors



P4-1 P4-2 P4-3



*Internal Action Level: 0.1 pCi/m³. *Note: Serves as flag for Environmental Monitoring personnel to evaluate conditions/activities related to this concentration.

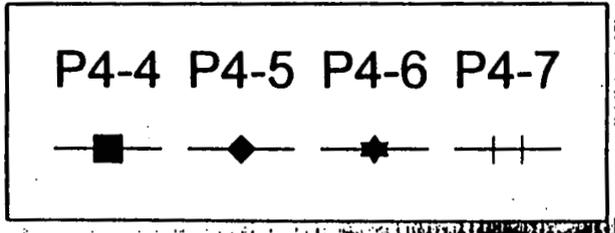
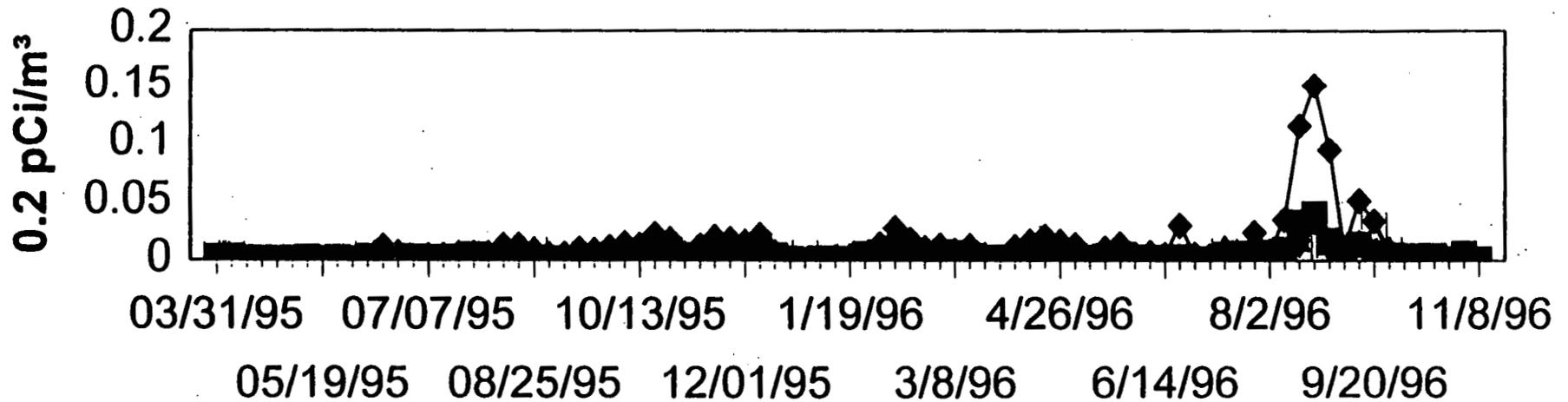
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981

Plant 4 Air Monitoring Results

Uranium Concentrations: pCi/m³

Downwind Monitors



*Internal Action Level: 0.1 pCi/m³. *Note: Serves as flag for Environmental Monitoring personnel to evaluate conditions/activities related to this concentration.