Parsons, Duane

From: Parsons, Duane
Sent: Tuesday, August 07, 2001 3:09 PM
To: Marschall, JR; Tower, Steven; Kruchek, David
Cc: Gibbs, Frank
Subject: PACs 1 & 3 Floow-up Survey

Attached are the recently performed, follow-up surveys of the PACs 1 and 3 buildings (762A and 792A). The surveys consisted of a minimum of 15 radiological smears obtained in each building in high traffic areas where contamination would most likely collect. The survey data was consistent with the pre-demolition survey results - no elevated activity was identified and all results were less than the release limits. Based on the initial PDS results and the results of these follow-up surveys, these buildings are acceptable for demolition from a characterization standpoint.


B762-A survey.tif


B792-A survey.tif

Duane Parsons
RISS Facility Characterization Coordinator
Phone: 303-966-6458
Pager: 303-212-3734
Fax: 303-966-6678

1/17

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	SAC-4	Model	SAC-4	Model	N/A
Serial #	966	Serial #	824	Serial #	N/A
Cal Due	11/8/01	Cal Due	9/14/01	Cal Due	N/A
Bkg	0 cpmα	Bkg	0.2 cpmα	Bkg	N/A cpmα
Efficiency	33.00 %	Efficiency	33.00 %	Efficiency	N/A %
MDA	20 dpmα	MDA	20 dpmα	MDA	N/A dpmα
Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	SAC-4	Model	SAC-4	Model	N/A
Serial #	767	Serial #	851	Serial #	N/A
Cal Due	11/9/01	Cal Due	11/8/01	Cal Due	N/A
Bkg	0.2 cpmβ	Bkg	0.2 cpmβ	Bkg	N/A cpmβ
Efficiency	33.00 %	Efficiency	33.00 %	Efficiency	N/A %
MDA	20 dpmβ	MDA	20 dpmβ	MDA	N/A dpmβ

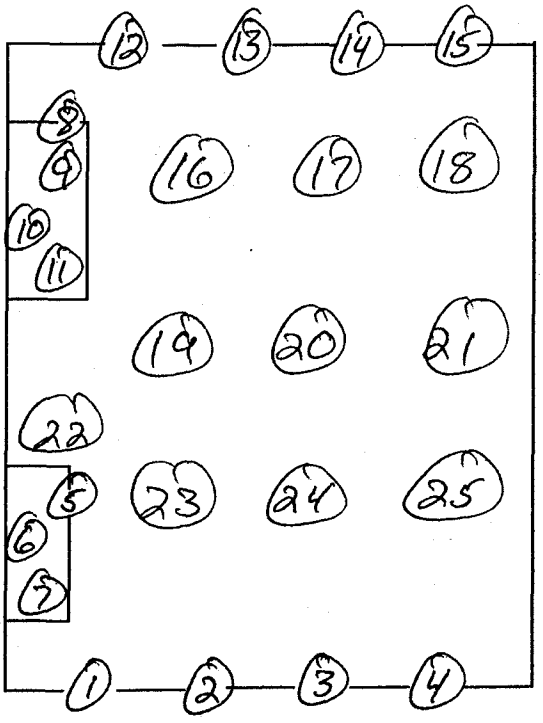
Survey Type: Contamination
Building: 762-A
Location: Interior of bldg.
Purpose: Follow-up survey
RWP #: N/A
Date: 8/6/01 **Time:** 1000
RCT: P.Vestal / Signature / [redacted] (Print name / Signature / Emp. #)
RCT: A. Munoz / Signature / [redacted] (Print name / Signature / Emp. #)

PRN/REN # : N/A
Comments: This is a follow up survey after the initial characterization was performed on the building. The building has been vacated and survey points were taken on high traffic areas where contamination would most likely be found.

SURVEY RESULTS

Swipe #	Location / Description Results in DPM/100sq.cm	Removable Alpha	Removable Beta	Total Alpha	Total Beta
1	See map	<20	n/a	n/a	n/a
2	See map	<20	n/a	n/a	n/a
3	See map	<20	n/a	n/a	n/a
4	See map	<20	n/a	n/a	n/a
5	See map	<20	n/a	n/a	n/a
6	See map	<20	n/a	n/a	n/a
7	See map	<20	n/a	n/a	n/a
8	See map	<20	n/a	n/a	n/a
9	See map	<20	n/a	n/a	n/a
10	See map	<20	n/a	n/a	n/a
11	See map	<20	n/a	n/a	n/a
12	See map	<20	n/a	n/a	n/a
13	See map	<20	n/a	n/a	n/a
14	See map	<20	n/a	n/a	n/a
15	See map	<20	n/a	n/a	n/a
16	See map	<20	n/a	n/a	n/a
17	See map	<20	n/a	n/a	n/a
18	See map	<20	n/a	n/a	n/a
19	See map	<20	n/a	n/a	n/a
20	See map	<20	n/a	n/a	n/a
21	See map	<20	n/a	n/a	n/a
22	See map	<20	n/a	n/a	n/a
23	See map	<20	n/a	n/a	n/a
24	See map	<20	n/a	n/a	n/a
25	See map	<20	n/a	n/a	n/a

Map



Date Reviewed: 8-6-01 **RS Supervision:** Steve Gernatt / Signature / [redacted] (Print Name / Signature / Emp. #)

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

INSTRUMENT DATA

Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
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Bkg	0 cpmα	Bkg	0.2 cpmα	Bkg	N/A cpmα
Efficiency	33.00 %	Efficiency	33.00 %	Efficiency	N/A %
MDA	20 dpmα	MDA	20 dpmα	MDA	N/A dpmα
Mfg.	Eberline	Mfg.	Eberline	Mfg.	N/A
Model	SAC-4	Model	SAC-4	Model	N/A
Serial #	767	Serial #	851	Serial #	N/A
Cal Due	11/9/01	Cal Due	11/8/01	Cal Due	N/A
Bkg	0.2 cpmβ	Bkg	0.2 cpmβ	Bkg	N/A cpmβ
Efficiency	33.00 %	Efficiency	33.00 %	Efficiency	N/A %
MDA	20 dpmβ	MDA	20 dpmβ	MDA	N/A dpmβ

Survey Type: Contamination
Building: 792-A
Location: Interior of bldg.
Purpose: Follow-up survey

RWP #: N/A 8-6-01

Date: 8/6/01 **Time:** ~~1000~~ 0930 R.V

RCT: P.Vestal [redacted]
Print name Signature Emp. #

RCT: A. Munoz [redacted]
Print name Signature Emp. #

PRN/REN # : N/A

Comments: This is a follow up survey after the initial characterization was performed on the building. The building has been vacated and survey points were taken on high traffic areas where contamination would most likely be found.

SURVEY RESULTS

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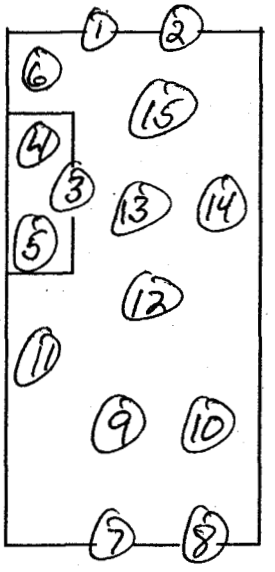
5	See map	<20	n/a	n/a	n/a
6	See map	<20	n/a	n/a	n/a
7	See map	<20	n/a	n/a	n/a
8	See map	<20	n/a	n/a	n/a
9	See map	<20	n/a	n/a	n/a
10	See map	<20	n/a	n/a	n/a
11	See map	<20	n/a	n/a	n/a
12	See map	<20	n/a	n/a	n/a
13	See map	<20	n/a	n/a	n/a
14	See map	<20	n/a	n/a	n/a
15	See map	<20	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	n/a	n/a	n/a	n/a

Map



Date Reviewed: 8-6-01 **RS Supervision:** Steve Gernatt [redacted]
Print Name Signature Emp. #

Parsons, Duane

From: David Kruchek [dakruche@smtpgate.dphe.state.co.us]
Sent: Wednesday, August 08, 2001 9:41 AM
To: duane.parsons@rfets.gov
Cc: steven.tower@rf.doe.gov; frank.gibbs@rfets.gov; vern.guthrie@rfets.gov; STEVE Gunderson; Steve Tarlton
Subject: Re: PACs 1 & 3 Floow-up Survey

Duane,

Thanks for the info. Based on the results of the confirmation surveys, we agree that these buildings still appear to be uncontaminated Type 1 Facilities.

Thanks, David

<David.Kruchek@rf.doe.gov> 08/07/01 03:16PM >>>

---------- Forwarded by David Kruchek/SiteReps/rffo on 08/07/2001 03:16 PM ----------

From: *Duane Parsons/RFFO1/USDOE@EXCHANGE on 08/07/2001 03:09 PM*
To: JR Marschall/RFFO1/USDOE@EXCHANGE, Steven Tower/doe/rffo@RFFO, David Kruchek/SiteReps/rffo@RFFO
cc: Frank Gibbs/RFFO1/USDOE@EXCHANGE
Subject: PACs 1 & 3 Floow-up Survey

Attached are the recently performed, follow-up surveys of the PACs 1 and 3 buildings (762A and 792A). The surveys consisted of a minimum of 15 radiological smears obtained in each building in high traffic areas where contamination would most likely collect. The survey data was consistent with the pre-demolition survey results - no elevated activity was identified and all results were less than the release limits. Based on the initial PDS results and the results of these follow-up surveys, these buildings are acceptable for demolition from a characterization standpoint.

(See attached file: B762-A survey.tif) (See attached file: B792-A survey.tif)

Duane Parsons
RISS Facility Characterization Coordinator
Phone: 303-966-6458
Pager: 303-212-3734
Fax: 303-966-6678

Parsons, Duane

From: Tower, Steven
Sent: Tuesday, August 07, 2001 3:20 PM
To: Parsons, Duane
Cc: Marschall, JR; Kruchek, David; Gibbs, Frank
Subject: Re: PACs 1 & 3 Floow-up Survey

Tear the things down.

From: Duane Parsons/RFFO1/USDOE@EXCHANGE on 08/07/2001 03:09 PM

To: JR Marschall/RFFO1/USDOE@EXCHANGE, Steven Tower/doe/rffo@RFFO, David Kruchek/SiteReps/rffo@RFFO

cc: Frank Gibbs/RFFO1/USDOE@EXCHANGE

Subject: PACs 1 & 3 Floow-up Survey

Attached are the recently performed, follow-up surveys of the PACs 1 and 3 buildings (762A and 792A). The surveys consisted of a minimum of 15 radiological smears obtained in each building in high traffic areas where contamination would most likely collect. The survey data was consistent with the pre-demolition survey results - no elevated activity was identified and all results were less than the release limits. Based on the initial PDS results and the results of these follow-up surveys, these buildings are acceptable for demolition from a characterization standpoint.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PSZ CLOSURE (D & D)

The scope of this Soils Disturbance Request includes demolition of Guard Towers 550, 761, and 901 using explosives, and removal of concrete foundations to three feet below grade. Concrete removal includes the foundations of the Towers, PACS No. 1 and No. 3 and associated Portals, pedestrian and vehicle gates, vehicle barrier anchors, camera tower foundations, microwave support posts, the barrier wall that runs under the entire length of the Taut Wire, and the barrier wall under vehicle gates at eight (8) locations around the inner fence. The sidewalks connecting the parking lots with the Portal entries will be left in place.

Note: Ensure adequate radiological ~~surveys~~ controls are performed in the area around the three Guard Towers (550, 761, and 901) to address risks involved in explosive demolition of the Towers' superstructure.

The attached drawing indicates the general extent of PSZ structures removal.

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Environmental Assessment for Construction Activities

Authorization No.: EFDA1713

Reviewer: RMRS, Environmental Characterization Group, B116, X4605, 212-6159

Date: April 25, 2001

OBJECTIVE:

Removal of PSZ Fence (including sub-grade as applicable) and Demolition of Guard Towers B550, B761, & 901.

ENVIRONMENTAL ASSESSMENT:

The project plans specify the demolition of Guard Towers 550, 761 and 901 using explosives, and removal of concrete foundations to three feet below grade. Concrete removal will include the foundations of the Towers, PACs No. 1 and No. 3, and associated Portals, pedestrian and vehicle gates, vehicle barrier anchors, camera tower foundations, microwave support posts, the barrier wall that runs under the entire length of the Taut Wire and the barrier wall under the vehicle gates at eight locations around the inner fence.

The scope of the project covers a large area (see attached map) with potential crossover of CERCLA areas (IHSSs, and PACs) in several areas. Specifically, IHSS 500-197, 500-117.1 (near the 550 Guard Tower), IHSS 900-153 (near the 901 Guard Tower), IHSS 900-165, IHSS 000-101 and 147.1 (see attached). Review of existing data (attached), process knowledge and interviews with plant employees who were involved in the installation of the PSZ in 1980/81 preclude that soil crossover areas where CERCLA Sites exist was removed from the respective areas during construction and disposed in the Landfill (IHSS 114). Clean fill material was used in these areas.

Sampling: Because the removal of soil material in crossover areas (which may have been contaminated) was in excess of 4 feet in depth, and clean fill material was used for re-deposition, there will be no specific sampling requirements for this Environmental Assessment. Further process knowledge exists that there have been no new (post 1980) spills of hazardous materials in the prescribed work areas. *In the event that an unknown or unforseen condition arises in the area(s) specified within this permit, work will stop immediately and sampling may be required to characterize the nature and extent of the incident or discovery.*

Note: This Environmental Assessment strongly suggests to the assigned Radiological Engineering Group that radiological consideration be taken when working in the above mentioned crossover CERCLA Sites, especially IHSS 165 and 101, which are downwind of the Solar Evaporation Ponds and IHSS 197, which is a known area of historical radiological contamination.

If Soil Excavation is Required at greater than 4 ft depth:
Due to the process history in several areas covered under this permit, the fact that work will be conducted within known areas of potential subsurface contamination etc, sampling will be required in accordance with the requirement to perform a hazardous waste determination under the Land Disposal Restrictions [Hazardous and Solid Waste Amendments (HSWA), RCRA 3004(u)], and RFCA action levels for radionuclides if a depth of greater than four (4) ft is required..

Consistent with Potential Contaminants of Concern for IHSS 500-158, sampling for SW-846 Total Metals and SW-846 Volatile Organic Analysis will be required in excavation areas (i.e. utility line capping etc.) as determined in the field after the building has been removed. Sample locations will be determined by environmental groups, Radiological Engineering, and the projects waste generator. Radiological sampling requirements (if any) will be determined upon when sampling locations have been determined from the Site walkdown.

If it is decided by the project manager that sampling will be performed "after" soils are excavated then sampling locations will be dependent upon the amount of material excavated. Sample locations will be selected by environmental groups, Radiological Engineering, and the projects waste generator. Sampling will be conducted under the general provisions for excavated soils (ltr TRG-022-97) and will meet statistical data quality objectives defined within that document. While data is pending, all spoils will be placed upon tarps and covered with tarps to effectively manage the material from dispersion (rain, wind etc.).

Upon review of the data, the soils will be dispositioned at or near the site (i.e. putback) or otherwise managed accordingly as waste. A qualified hazardous waste generator will be identified by the project manager for this project prior to work being performed. Form EM.001A must be completed and returned to ER-Operations Management (contact N. Demos X4606, or M. Burmeister X5891) prior to beginning work.

The waste generator and project manager will coordinate with the Environmental Characterization and Radiological Engineering Departments prior to initiating the above mentioned sampling event(s). A RCRA qualified hazardous waste generator will be identified by the project manager prior to work being performed. If contaminated soils and/or debris are excavated then the soils/debris must be properly dispositioned as the responsibility of the requesting organization in accordance with applicable environmental laws and regulations. **The requester or responsible manager for the project will be accountable for waste management under RCRA regulations and/or DOE Orders (if applicable) once excavated soils/debris are disturbed (if contaminated). This includes sampling, procurement and transportation of containers, meeting specific waste acceptance criteria(s), filling excavations with clean material, and returning the site to its original condition. Under no circumstances will "any" soil piles be allowed to remain at the site after the project is complete.**

SURFACE WATER DIVISION:

In the unlikely event that water is encountered during excavation, then work will be stopped immediately. The RISS Surface Water Group will be notified and will be responsible for determining if the water requires sampling. The requester or project manager will be responsible for the immediate notification to the SWD. **Contact Keith Motyl, X2172.**

NEPA, AIR QUALITY, ECOLOGY, AND WATERSHED DIVISIONS:

The requester or project manager is responsible for contacting the above organizations as early as possible in the planning stages, and before initiation of field work to ensure compliance with environmental checklist requirements. **Contact Karan North X 9876.**

References:

DOE, 1992, *Historical Release Report (HRR)*, Rocky Flats Plant, Golden, CO., June.

RMRS, 1996, 1996 Annual Update to the Historical Release Report, RFETS, Sept

Remediation, Industrial D&D, & Site Services

Soil Disturbance Site Survey Assessment Report

Authorization Number:		EFDA1713
Project Title:		PSZ Closure D&D
Prepared By:	CB	Chad Blake, Radiological Engineer, RISS, X5909
Number:		026-01
Date:		May 2, 2001

This soil disturbance package addresses excavation associated with the removal of the PSZ fencing, concrete foundations, Guard Towers, PACs 1 & 3 and associated Portals, gates, vehicle barrier anchors, camera tower foundations, microwave support posts, and the concrete barrier wall. Specifically, the guard tower demolitions will utilize explosives while the material removal from the ground areas will require mechanical excavation.

Several Individual Hazardous Substance Sites (IHSS) and Potential Areas of Concern (PAC) potentially cross the planned excavation locations. Please see the Environmental Assessment (EA) in this permit for specific IHSS and PAC information. Historical data and process knowledge shows that radiological soil concentration levels in these areas are likely to be well below RFCA Tier II Action Levels, but above background levels in areas identified in the EA.

Radiological Controls: Since this is a RISS project, Radiological Controls will be required in this document for the project as follows:

- RWP will not be required.
- Air Sampling shall be performed during the explosive demolition of the guard tower structures.
- Radiological surveys shall be performed on materials (concrete barrier materials) excavated from areas identified as potential IHSS crossover areas (see attached map). The specific survey requirements shall be identified in the proper waste release evaluation required below. This survey requirement does not apply to the guard tower structures/debris since they have been characterized through appropriate program requirements; however, the unrestricted release of these structures as well as all wastes/property/equipment/samples, etc., will require a release evaluations as stated below.

There are additional Radiological Protection requirements for the unrestricted release of materials from RFETS. The requirements are as follows:

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- **All wastes** generated and **property/equipment/samples** associated with this project (including equipment, debris/waste, etc.) must be evaluated in accordance with *PRO-141-RSP-09.01,* Unrestricted Release of Property, Material, Equipment and Waste, and *PRO-1004-RSP-09.08,* Radioactive Material Transfer and Unrestricted Release of Property, Waste and Samples.

- This permit applies **exclusively to soil excavation processes** associated with the facility D&D Projects. Debris and waste associated with the actual facility structures are characterized through appropriate methods associated with the D&D process. Please contact Jay Britten, RISS Radiological Characterization Engineer, at X3050 for further information.

Soil sampling will be required only if specific conditions are met as specified in the EA. The samples should include gross alpha/beta analysis to support "put back" decisions (< RFCA Tier II); however, isotopic analysis may be required if it is determined that the gross analysis is inadequate to support the necessary decisions or if soils will be dispositioned as Low Level Waste.

The area in which work will be conducted is controlled by RISS. A copy of this correspondence has been sent to Curtis Bean, RISS Radiological Safety Manager. Please contact Curtis at X2069 for further radiological support. Radiological Engineering support will also be available to perform the required release evaluations listed above, as well as to answer any questions the project may have. Please feel free to contact me at X5909, Jay Britten at X3050, or Dick Link X4220 for Property release evaluations.

Written direction from K-H Environmental Compliance (Greg Sollner, x3541) is required to disposition soils.

Deviations from the currently defined scope of work will require further evaluation by Radiological Engineering.

If any unusual material/debris is encountered during this excavation, work must be stopped and RISS Radiological Engineering and Operations notified for evaluation prior to continuing.

Safety and Health Assessment for Construction Activities

Date: 5-1-01

Authorization No.: EFDA 1713

Reviewer: K R Farley K R Farley
K-H Industrial Safety and Industrial Hygiene, B130,

Objective:

Safety and Health Requirements:

1. In accordance with Site Contract Specifications Document S&H001 - Subcontractor Safety and Health Requirements", the minimum construction attire to be worn during this task shall include: hard hats, hard toe boots, and safety glasses. All personnel working on or near a roadway or spotting for heavy equipment operations shall wear reflective vests. Coveralls and other protective clothing will be provided as required. Respiratory protection will be worn as specified by the cognizant Radiological Operations and Industrial Hygiene organizations.

2. As required, a utility locate by the excavation specialists shall be performed prior to intrusive activities.

3. A pre-evolution/task briefing shall be conducted in accordance with the requirements specified in the Conduct of Operations Manual (MAN-066-COOP).

4. Adequate dust control measures shall be implemented and maintained during excavation activities.

5. The crew shall be observant for any unusual conditions (such as: odors, staining, or foreign objects). If any unusual conditions are observed the task shall stop, affected personnel shall move away from the area (upwind), and notification to the responsible safety and hygiene department shall be initiated for evaluation and support.

6. EXPLOSIVES USE ON SITE MUST BE PER OSHA CH. 48, & DOE EXPLOSIVES MANUAL 440-1, FOR USE + STORAGE, PER TRANSPORTATION SAFETY MANUAL & CFR 49, FOR TRANSPORTATION.

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KAISER - HILL
COMPANY

Soil Disturbance Evaluation

Date: May 3, 2001

Project Manager: Joe Lucerna, x7229

Project Title: PSZ Closure (D&D), Chg#EFDA1713

Prepared By: Greg Sollner, KH RISS, x3541

The Environmental Assessment concludes that environmental sampling is not required on the basis of the proposed work scope (excavation for foundation removal @ 4ft or less depths).

The RMRS Radiological Engineering Report (No. 026-01, Chad Blake, 02MAY01) for this activity concludes there are no radiological concerns with this activity (No RWP requirements and soil contamination levels well below RFCA Tier II radiological levels).

Based upon these two (2) cited assessments, excavated soil may be placed back within the excavation area contingent upon the hazardous waste determination.

Management of excavated/disturbed soil must be consistent with this written direction and those supporting evaluations included in the Soil Disturbance Permit. Any deviation from the disposition prescribed herein, shall require an additional evaluation and written direction from KH RISS. Alternative disposition requests must detail the intended soil management strategy, and shall include an analytical/technical basis supported by Radiological Engineering and Environmental Operations.

This review does not encompass NEPA, Air Quality, Ecology, RCRA/TSCA or other Environmental reviews which may be required. Responsible project management shall initiate the Environmental and NEPA Review process as required (in accordance with IWCP and the Hazard and Discipline Identification Tool (HDIT)).

cc:

Mark Heser, (PEG)

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REVIEW COMMENT SHEET

Time Spent on Review: .1 hrs.
Return to:

If questions on content, please call the SME:

Fax	Name	Ext.	Location	Name	Ext.

Number	Rev.	Draft	Title
EFDA1713	1		PSZ CLOSURE D+D

Please review the attached document for technical adequacy, accuracy, completeness, and compliance with requirements.

Comment Due Date:

☐ Internal Review ☐ External Review ☐ Verification ☐ Validation ☐ Revalidation

PAGE	SECTION OR LINE #	COMMENT	DISPOSITION	Disposition Accepted INIT/DATE
1.		I HAVE HEARD IT SAID OR SUGGESTED THAT THE GUARD TOWERS BE USED FOR SHOWING VISITORS PROGRESS ON SITE D+D AND/OR AS WILDLIFE OBSERVATION POINTS AFTER THE PLANT IS GONE. WHY SPEND THE $ TO TAKE THEM DOWN?		
2.		HOW WILL YOU PROVIDE SMOOTH ACCESS WITH LITTLE GRADE FOR PEDESTRIANS AFTER REMOVAL OF WALKWAYS? HANDICAP ACCESS, & COVERS OVER ANY STEPS SHOULD BE PRESERVED TO ELIMINATE SLIPS, TRIPS & FALLS ON ICE.		

POC/Reviewer: (Comments not signed by POC/Reviewer will be considered unofficial and not subject to resolution)

☐ No Comments
☐ This procedure revision has no impact or relevance to our discipline or organization and we waive need to concur.

Name	Signature	
K.R. FARLEY	K.R. Farley	
5043/212-2960 / 4960 (Ext./Pager/Fax)	K-H OSRH (Bldg./Organization)	5-1-01 (Date)

Concurrence

Name		
	Signature	Date

SOIL DISTRUBANCE APPROVAL FORM

GENERAL INFORMATION

Location: PSZ Project Title: PSZ Closure (D&D)

Description of work to be performed: Perform demolition of the facility, foundations and slabs 3 feet below grade.

Contractor: _____ Charge No.: EFDA1713 Drawing No.: _____

Special Instructions/Remarks: _____

Disturbance Limits (Duration/Boundary): _____

Responsible Job Supervisor: _____

Operators/Workers: _____

NOTE:

Call extension 4197 or 2538 before starting work. Soil disturbance activities may commence only after utility locates and a pre-evolution /task briefing is conducted. Unless otherwise specified by the Excavation Specialist, no entry SHALL be made unless approved by the Excavation Specialist.

Refer to the attached "Excavation Specialist's Inspection Log" for approval, special requirements and remarks.

APPROVAL

Excavation Specialist (Print and Sign): Date:

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APPENDIX 5

SOIL DISTRUBANCE APPROVAL FORM

EXCAVATION SPECIALIST'S INSPECTION AND ENTRY APPROVAL LOG (Use additional sheets as necessary)		
Date	Initials	Special Requirements and Remarks

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RUSH

SOIL DISTRUBANCE REQUEST FORM

The purpose of this information is to assist the Requester in the identification of potential hazards associated with this soil disturbance. Submit the completed form to the Excavation Specialist.

GENERAL INFORMATION (To be completed by Requester)

Date: 4/12/01 Requestor: JOE LUCERNA Qualified Waste Generator: _____

Department: K-H SITE OPS Ext./Page: 7229/4010 Authorized Charge No.: EFDA1713

Project Title: PSZ CLOSURE (D&D) Location: PSZ

Date Needed: 6/21/01 *Note: If needed in less than 2 weeks, please provide justification below:*

Justification: _____

What is the excavation for:

☐ Construction ☐ Trenching ☐ Sampling ☐ Driven Rods/Posts ☐ Grounding ☐ Post Holes

☒ Other (Explain): CONCRETE REMOVAL

EXCAVATION DETAILS (To be completed by Requester)

Will soil removal be by hand only?	☐Yes ☒No ☐N/A
Will drilling be performed? If yes, state: Drill Depth: _____ Diameter: _____ Explain:	☐Yes ☒No ☐N/A
Will mechanical equipment be required? If yes, state: Type of Equipment: BACKHOE, EXCAVATOR, LOADER Estimated Excavation Depth: Length: Width:	☒Yes ☐No ☐N/A
Will shoring be required?	☐Yes ☒No ☐N/A

REMARKS (To be completed by Requester)

SEE ATTACHED INFORMATION AND DRAWING.

REVIEW AND APPROVAL (Requester – DO NOT complete this section)

ENVIRONMENTAL REMEDIATION PROJECTS/OPERATIONS Are there any special environmental remediation precautions or management actions (i.e. sampling plans, etc.) required for this activity? If yes, attach a summary of requirements. Name (Print/Sign): _____ Date: 4-25-01	☐Yes ☑No See EA
RISS ENVIRONMENTAL Are there any special environmental compliance precautions or management actions (i.e. sampling plans, etc.) required for this activity? If yes, attach a summary of requirements. Name (Print/Sign): GR Sollner / GR Sollner Date: May 3, 2001	☑Yes ☐No
RADIOLOGICAL ENGINEERING Are there any special radiological precautions or management actions (i.e. sampling plans, etc.) required for this activity? If yes, attach a summary of requirements. Name (Print/Sign): Chad Blake / CBlake Date:	☑Yes ☐No
SAFETY AND HEALTH Are there any special safety and health precautions or management actions (i.e. sampling plans, etc.) required for this activity? If yes, attach a summary of requirements. Name (Print/Sign): KR Farley KR Farley Date: 5-1-01	☐Yes ☐No

Revision Date: 11/0

17/17