Los Alamos National Laboratory

UNIVERSITY OF CALIFORNIA

Environmental Restoration MS M992 Los Alamos, New Mexico 87545 505-667-0808/FAX 505-665-4747

US Department of Energy, MS A316

Date: September 10, 1996 Refer to: EM/ER:96-481



SUBJECT: INTERIM ACTION PLAN FOR ACTIVITIES AT TA-35, PRSs 35-003(d, l, and q)

Dear Ted:

Mr. Ted Taylor

Los Alamos Area Office

Los Alamos, NM 87544

Enclosed for your records please find a copy of the Interim Action Plan for activities at Technical Area 35, Potential Release Sites 35-003(d, l, and q). These activities are planned for completion in Fiscal Year 1996. Informational copies of this plan are being distributed to the regulators.

If you have any questions, please call Allyn Pratt at (505) 667-4308 or Bob

Simeone at (505) 667-0587. Thank you for your cooperation in this matter.

Sincerely, Jorg Jansen Program Manager

JJ/bp

Enclosure: (1) Interim Action Plan for TA-35, PRSs 35-003(d, l, and q)



Mr. Ted Taylor EM/ER:96-481

Cy (w/ enc.): B. Garcia, NMED-HRMB (2 copies) D. Griswold, AL-ERD, MS A906 J. Harry, EES-5, MS M992 B. Hoditschek, NMED-HRMB N. Naraine, DOE-HQ, EM-453 D. Neleigh, EPA, R.6, 6PD-N (2 copies) A. Pratt, EES-13, MS J521 B. Simeone, LAAO, MS A316 M. Shaner, CIO, MS A117 (2 copies) N. Weber, NMED-AIP, MS J993 J. White, ESH-19, MS K490 S. Yanicak, NMED-AIP, MS J993 RPF, MS M707

Cy (w/o enc.):

T. Baca, EM, MS J591 D. Bradbury, EM/ER, MS M992 T. Glatzmaier, DDEES/ER, MS M992

D. McInroy, EM/ER, MS M992 J. Levings, AL-ERD, MS A906

W. Spurgeon, DOE-HQ, EM-453

J. Vozella, LAAO, MS A316 K. Zamora, LAAO, MS A316

EM/ER File, MS M992

Interim Action Completion Report for

Potential Release Sites 35-003(d, l, and q)

Field Unit 4

Environmental Restoration Project

September 1996

A Department of Energy Environmental Cleanup Program



-6, Departure N ちゃ

1.0 INTRODUCTION

This document describes the interim action (IA) best management practices implemented at Potential Release Site (PRS) Nos. 35-003(d, I, and q), which are located within Los Alamos National Laboratory (hereafter referred to as the Laboratory) Technical Area (TA) 35. Field activities were implemented in accordance with the *Interim Action Plan for Potential Release Sites 35-003(d, I, and q)* (LANL 1996, 54915) (hereafter referred to as the IA plan), except as noted in Section 2.1.

The site addressed by the IA encompasses part of three potentially contaminated PRSs, which are located about 150 ft east of the former Air Filter Building (TA-35-7). The IA corrected past erosion and will prevent further erosion of noncompacted backfill material at the east end of Ten Site Mesa where a pump pit (TA-35-8, PRS No. 35-003[d]); a pipe trench (TA-35-9, PRS No. 35-003[I]); and a liquid waste holding tank (TA-35-10, PRS No. 35-003[q]) were located. The site drains into a small tributary of Ten Site Canyon, which is informally referred to as "Pratt Canyon" in the Resource Conservation and Recovery Act facility investigation (RFI) report for PRSs in this area (LANL 1996, 54422) (hereafter referred to as the RFI report).

Collectively the PRSs cover an area approximately 150 ft by 200 ft. The site slopes moderately eastward approximately 125 ft to the mesa edge, which slopes into Pratt Canyon (approximate slope of 1:1). The storm water from this site flows into Pratt Canyon, which is the effluent discharge area for the former wastewater treatment plant. Surface storm water runoff from the southern part of TA-35 discharged from a 12-in.-diameter corrugated metal pipe (CMP) at the southeast corner of the IA site and was the major contributor to the erosion. The storm water flowed across the site creating deep erosion channels.

The IA was performed to prevent storm-water-induced transport of contamination from the PRSs, as discussed in the RFI report (LANL 1996#54422), into Mortandad Canyon. The IA was also necessary to minimize the possibility that storm water runoff might transport known radioactive contamination from PRS No. 35-003(r) until further characterization and final disposition of that PRS are completed.

A detailed description of the site and the Phase I characterization data can be found in the RFI report (LANL 1996, 54422).

2.0 INTERIM ACTION

The IA consisted of (1) backfilling, compacting, and revegetating the erosion channels; (2) relocating a storm water CMP discharge, which was the major cause of the erosion; and (3) constructing a 2-ft-high, 100-ft-long berm above the slope break at the head of Pratt Canyon, which was designed to divert additional storm water that is not captured by the relocated CMP northeastward to an existing storm water outfall (see Figure 2-1). By relocating the storm water CMP discharge to the southern rim of Ten Site Mesa, storm water has been diverted from known radioactively contaminated sites including PRS Nos. 35-003(d, l, and q) and 35-003(r). Backfilling and compacting the erosion channels will prevent the erosion of potentially contaminated soil at PRS Nos. 35-003(d, l, and q) and will minimize the potential for release until further characterization is performed and a final disposition decision is made.

The IA began on September 3, 1996, and was completed on September 23, 1996. Activities included conducting a health and safety survey; performing a utilities markout survey; backfilling, compacting, and revegetating the erosion channels; constructing a diversion berm near the head of the former erosion channels; plugging the 12-in.-diameter storm water CMP; and installing a new 24-in.-diameter CMP, which has an inlet at the southwest corner of former TA-35-7 and extends southward to Ten Site Canyon. The new CMP extends 240 ft to the south along a 1% slope at a depth of 4 ft near the inlet and surfaces at the point of discharge. A riprap apron was placed at the discharge point.

2.1 Deviations from the Interim Action Plan

The IA was implemented in accordance with the IA plan except for the following deviations.

- The IA was coordinated with the ongoing decommissioning project at TA-35 to minimize impact on the decommissioning progress. Based on an evaluation of the decommissioning final grading and paving plan, decommissioning project engineers and Field Unit 4 engineers agreed that one storm water drop inlet box would be adequate. The storm water drop inlet is planned to be installed in October 1996 after decommissioning project personnel have completed final grading of the area.
- The proposed 2-ft-high berm that was to be located north of the service road at the southern boundary of the site was not constructed because the area is being used by decommissioning project personnel as a staging area for fill material, equipment, and waste storage.
- An alternate berm was constructed along the head of the former drainage channels to divert storm water northward to an existing storm water drainage system. The existing storm water culvert was blocked by sediment and debris, which resulted in overflow of storm water toward the drainage channels and contributed to the channel erosion. The Laboratory Utilities and Infrastructure Group (FSS-8) has been requested to perform maintenance on the storm water drainage system. As a voluntary interim measure, Field Unit 4 personnel cleaned the culvert inlet and cleared the area of debris to allow storm water to flow into the drainage system.

These deviations did not adversely impact the success of the IA.

2.2 Photographs

Photographs of the site (including before, during, and after the IA) are available from the Environmental Restoration Project office.

3.0 MONITORING AND CONFIRMATORY SAMPLING

No monitoring or confirmatory sampling is associated with the IA. However, in the RFI report (LANL 1996, 54422) PRS Nos. 35-003(d, l, and q) have been proposed for further characterization.

4.0 INSPECTION AND MAINTENANCE

The IA will be inspected as specified in Section 5.1 of the site-specific Storm Water Pollution Prevention Plan (SWPP Plan), which is attached as Section 8.1 of this IA report. Maintenance of erosion controls will proceed as described in Section 4.2 of the SWPP Plan.

5.0 WASTE MANAGEMENT

No waste was generated during this IA.

7.0 REFERENCES

LANL (Los Alamos National Laboratory), June 1996. "RFI Report for Potential Release Sites 35-003(d, e, f, g, l, o, q, and r) 35-016(g and h)," Los Alamos National Laboratory Report LA-UR-96-1605, Los Alamos, New Mexico. (LANL 1996, ER ID Number 54422)

LANL (Los Alamos National Laboratory), August 1996. "Interim Action Plan for Potential Release Sites 35-003(d, l, and q)," Los Alamos National Laboratory Report LA-UR-96-2826, Los Alamos, New Mexico. (LANL 1996, ER ID Number 54915)

Means, 1995. *Means Site Work & Landscape Cost Data*, 14th Edition, R. S. Means Company, Inc., Kingston, Massachusetts. (Means 1995, ER ID Number 54957)

8.0 ANNEXES

8.1 Storm Water Pollution Prevention Plan

In accordance with the IA plan, the Storm Water Pollution Prevention Plan, which is attached, details the required inspection and maintenance procedures.

Environmental Restoration Program

۰.

بن م

STORM WATER POLLUTION PREVENTION PLAN

and the second second

FIELD UNIT 4

INTERIM ACTION, AGGREGATE D PRS Nos. 35-003(d, l, and q)

é

•

LOS ALAMOS NATIONAL LABORATORY Los Alamos, New Mexico

> August 1996 Revision 1

REVISION 1 Aug. 1996

Page 2 of 28

STORM WATER POLLUTION PREVENTION (SWPP) PLAN INTERIM ACTION, AGGREGATE D PRS Nos. 35-003 (d, l, and q)

and the second second

Worksheet #2A: Description of Exposed Significant Material

- Worksheet #3: Pollutant Source Identification
- Worksheet #4: List of Significant Spills and Leaks

Worksheet #5: BMP Identification

Worksheet #6: Implementation

Worksheet #7: Employee Training

Worksheet #8: Non-Storm Water Discharge Assessment and Certification

é

Attachment

- 1. Figure 1
- 2. Inspection and Maintenance Report Forms

Page 4 of 28

2. Pollution Prevention Team

The Pollution Prevention Team is responsible for developing the SWPP Plan and assisting in its implementation, inspection, maintenance, and revision. Appendix 1, Worksheet # 1, describes the responsibilities and activities of each team member.

Team Leader:

Allyn Pratt, EES-13, Field Unit 4 Project Leader 667-4308, MS J521 Responsibilities: Overall owner of SWPP Plan, provides budget and resources.

Members:

Deba Daymon, ERM, Field Project Manager 662-1327, MS M327 Responsibilities: Plan oversight, and implementation

Leslie Sontag, SAIC, Field Team Leader 672-3666, MS J521 Responsibilities: Plan implementation

Janet Jacobson, SAIC, Alternate Field Team Manager 672-3666, MS J521 Responsibilities: Plan oversight, implementation and author.

Darril Stafford, SAIC, Site RCT, Field Team Member 672-3666, MS J521 Responsibilities: Plan implementation

Carmella Romero, SAIC, Field Team Member 672-3666, MS J521 Responsibilities: Plan implementation

John Hayes, ERM/ASI, Health and Safety Officer, Field Team Member 662-1348, MS M327 Responsibilities: Plan implementation

Tim Renn, ERM, Field Team Member 662-1359, MS 327 Responsibilities: Plan implementation

STORM WATER POLLUTION PREVENTION (SWPP) PLAN INTERIM ACTION, AGGREGATE D PRS Nos. 35-003 (d, l, and q)

Page 6 of 28

the 1985 D&D which was covered by the backfill material (Elder et al. 1986, 3089). Gross-beta/gamma radiation was measured above background levels at the tuff-backfill interface at two sample locations during field screening for Phase I activities (LANL 1996, 54422).

After the IA is completed, storm water run-off from the site should be free of potential contaminants associated with the PRSs.

3.1 Drainage Map

See attached Figure 1.

There are no surface water bodies at the site; no material storage areas; or other potential pollutant sources. The storm water flow direction is easterly, into Mortandad Canyon.

3.2 Inventory of Exposed Materials and Risk Identification

Field Activities may include:

- Storage of backfill, large rocks, and rip-rap prior to placement ;
- Placement of backfill material in erosion channels, and compaction of the backfill material,
- Placement of erosion controls such as rip-rap, stabilized vegetative cover, and berms;
- Leveling and grading of the site;
- Abandonment of the current storm drain;
- Placement of a new CMP and inlet drop box for storm water drainage to Ten Site Canyon;

Equipment used during the interim action may include:

- Frontloader or backhoe;
- Dump truck(s);
- Roller; and
- Shovels.

Significant materials that may come into contact with storm water include the materials associated with the heavy equipment expected to be used to perform the IA:

- Hydraulic fluid;
- Diesel fuel; and
- Gasoline.

Page 8 of 28

4 Measures and Controls

4.1 Good Housekeeping

All materials stored on-site will be stored in a neat, orderly manner in appropriate containers, and if necessary, covered with plastic sheeting or tarps after the work day is completed. Very little waste is expected to be generated during this

action. Any waste material stored on site will be managed according to DOE orders and regulations; and LANL policy, Administrative Requirements, Administrative Procedures, and Standard Operating Procedures. Any storm water accumulation in the waste management area will be removed in accordance with the SPCC Plan.

4.2 Preventive Maintenance

Any areas where material is stored on site will be inspected each day to insure that storm water pollution prevention measures are in place and not compromised. If the material pile covers have been ripped or wind-blown out of position, the covers will be replaced, repaired, or repositioned, as appropriate when discovered. All equipment staged on site will be inspected at the beginning of each work day for the presence of leaks. If equipment is found to be leaking some mechanical fluid or fuel, the leak will be remediated as specified in the site specific SPCC plan, and appropriate notifications will be made.

4.3 Sediment and Erosion Control

The primary source of the erosion is a surface storm water discharge pipe located near the southeast corner of former TA-35-7. The main erosion channel ranges in depth from 1 ft to approximately 22 ft and extends for about 200 ft across the site. Another erosion channel originates at the north side of the site, and was formed from storm water runoff associated with the access road that borders the site to the north. This smaller erosion channel extends southsoutheast from the north side of the site into Pratt Canyon and ranges in depth from 1 ft to approximately 10 feet at the point of confluence with the other major channel.

The three erosion channels will be backfilled, compacted, and stabilized in order to prevent further erosion across the PRSs. Approximately 700 cy of clean backfill material will be placed in the channels. The material will be wetted, then compacted to 80-85 % maximum density. The channels will be reseeded with approximately 270 square yards of native grasses. Until the vegetation is established, straw bales or other control measures will be placed downstream of the site, in Pratt Canyon, to prevent sediment movement into Mortandad Canyon.

Page 10 of 28

4.7 Other Controls

No solid materials shall be discharged to a watercourse. Off-site vehicle tracking of sediments and the generation of dust shall be minimized. This plan shall ensure and demonstrate compliance with the Laboratory's permits and requirements for waste disposal, sanitary sewer, or septic system regulations.

The placement of backfill, large rocks, np-rap, and vegetative cover may cause dust generation during activities. In order to mitigate dust generation, water misting and spraying will be available if dust generation becomes excessive, or if weather conditions exacerbate the problem.

4.8 Spill Prevention and Response Procedures

The IA site is assessable by Laboratory unpaved roadways and roadways covered with asphalt. All equipment used at the site will remain on the roadways to the extent possible. Spill Prevention and Response activities will follow the requirements of the *Spill Prevention, Control, and Countermeasures (SPCC) Plan for the TA-35, Aggregate D, Interim Action, the LANL SPCC Plan, and the Site Specific Health and Safety Plan.*

5 Implementation

5.1 Inspections

The Field Team Leader or her designee shall inspect disturbed areas of the project site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, structural control measures, and locations where vehicles enter or exit the site at least once every seven calendar days, and within 24 hours of the end of a storm that is 0.5 inches or greater. Where sites have been finally stabilized, the inspection shall be conducted at least once every month.

Structural storm water management measures and sediment and erosion control measures shall be observed to ensure that they are operating correctly. A visual inspection of equipment used to implement the IA shall be made. Disturbed areas and areas used for storage of materials exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants in the drainage system. The discharge point of the relocated storm water outfall will be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. The locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking.

5.6 Keeping Plans Current

This plan shall be amended whenever there is a change in design project activity, operation, or maintenance which has a significant effect on the potential for the discharge of pollutants into the waters of the United States, or if the plan proves to be ineffective in eliminating or significantly minimizing pollutants from sources identified in the potential pollutant sources of the plan, or in otherwise achieving the general objectives of controlling pollutants in storm water discharges. Amendments to the plan shall be reviewed by ESH-18.

6 Certification

I, Allyn Pratt, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person, or persons, who manage the system or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Date:_____

Allyn Pratt, Field Unit 4 Project Leader

Plan prepared by:

Janet Jacobson, EES-13/SAIC

Date:_____

ESH-18 Review:

Steve Veenis, ESH-18

Date:_____

	Hoge 1 of 2
POLLUTION PREVENTION TEAM MEMBER ROSTER	Completed by: <u>Janet Jacov</u> Title: <u>Plan Author</u> Date: <u>7/26/96</u>
Leader: <u>Allyn Piritt</u> Responsibilities: <u>Project header, Ge</u> <u>Plan Owner</u>	Title: <u>Field (Unit 4</u> Proje Office Phone: <u>667-4308</u> Ineral Obersignt,
Members: (1) <u>Deba Daymon</u> Responsibilities: <u>Plan obersign</u>	Title: Feld Project Manager Office Phone: <u>672-3700</u>
(2) Janet Jacobson Responsibilities: <u>Plan author, out</u> Implementation, rebisions	Title: Field Jean Manager Office Phone: <u>67236666</u> rsight, training
13) <u>Leslie Sontag</u> Responsibilities: <u>Plan implementa</u> <u>respons, bilities</u>	Title: Field Team Leader Office Phone: (0723/elab tron, reporting
(4) <u>Darril Statford</u> Responsibilities: <u>Plan implemen</u>	Title: <u>Field Team Member</u> , S Office Phone: <u>1072 36166</u> taten
(5) <u>Carmella Romaro</u> Responsibilities: <u>Dan implem</u>	Title: <u>Field Team Momber</u> Office Phone: <u>1072 36666</u> entation, Field

MATERIAL INVENTORY				Worksheet #2 Completed by: <u>Janet Jacobson</u> Title: <u>Plan Author</u> Date: <u>7/26/96</u>					
Instructions: List all materials used, stored, or produced onsite. Assess and evaluate these materials for their potential to contribute pollutants to storm water runoff. Also complete Worksheet 2A if the material has been exposed during the last three years.									
			(units)		Quantity Exposed	with storm water.	Spill	or Leak	
Material	Purpose/Location	Used	Produced	Stored	in Last 3 Years	If yes, describe reason.	Yes	No	
Backfill	fill in erro- sion gullys	xx		xx	o.N/A	no	, .	XX	
Topsoil	site restor- ation	xx		xx	· N/A	no		XX	
lrg. rocl	water veloc- ity control	xx		xx	N/A	no		XX	
rip-rap	erosion contror	xx		xx	N/A	no		XX	
backhoe	placement of erosion fill	xx		XX	N/A	yes, no cover		XX	
front- <u>l</u> oader	placement of erosion fill	xx		XX	N/A	yes, no cover		XX	
grader	site grading	XX-		xx	NA	yes, no cover	···	X	
Dimp Truck	material trans-	XX.			NJA	no, will not be stored		xx.	

v

)

POLLUTANT SOURCE ID	ENTIFICATION	Worksheet #3 Completed by: Title: Date: 712919	Jacobson VC
Instructions: List all identified storm column, list BMP option	water pollutant sources and is that can be incorporated	I describe existing management pra into the plan to address remaining	actices that address those sources. In the third sources of pollutants.
Storm Water Pollutant Sources	Existing M	anagement Practices	Description of New BMP Options
1 current 12 in. Storm	IA calles for	plugging current	See IA Plan. Crosion channels
Drain cmp	drain a reloca	ting dischange	will be backfilled covered wi
2			stabilized vegetative mat,
		-, 	F Storm drain relocated.
3 sediment from croad	Backfill & com	pact & Stablizz	Backfill, compaction E
sites	none		Stabilization
4			
5			·
6	· · · · · · · · · · · · · · · · · · ·		

.

BMP IDENT (Section	Worksheet # 5 Completed by: J. Jacobson Title: <u>author</u> Date: <u>T129196</u>
Instructions: Describe the Best Manag describe actions that will (Chapter 3) and site-spec	pement Practices that you have selected to include in your plan. For each of the baseline BMPs, I be incorporated into facility operations. Also describe any additional BMPs [activity-specific cific BMPs (Chapter 4)] that you have selected. Attach additional sheets if necessary.
BMPs	Brief Description of Activities
Good Housekeeping	Sæ Plan Text.
Preventive Maintenance	See Plan Text
Inspections	bee Plan Text
Spill Prevention Response	Gee Plan Text
Sediment and Erosion Control	bee Plan Text
Management of Runoff	Gee Plan Text
Additional BMPs (Activity-specific and Site-specific)	

	Worksheet #7 Completed by: J.Jacobson Title: <u>Auxthory</u> Date: <u>429</u> 912			
nstructions: Describe the emp response, good h employees who a	bloyee training program for your facility below. The program should, bousekeeping, and material management practices. Provide a schedu attend training sessions.	, at a minimum, ule for the traini	address spill preve ng program and list	ntion and t the
Training Topics	Brief Description of Training Program/Materials (e.g., film, newsletter course)	Schedule fo (list d	or Training ates)	Attendees
Spill Prevention and Response	To be preformed by read training a tail gate Eagety meeting upon Implementation of	aug	1996	
Good Housekeeping	Same as abousé	aug	1996	
Material Management Practices	Same as above	анд	1994	
Other Topics				
			1	

ş

REVISION 1 Aug. 1996

STORM WATER POLLUTION PREVENTION (SWPP) PLAN INTERIM ACTION, AGGREGATE D PRS Nos. 35-003 (d, l, and q)

ATTACHMENTS

÷

Increation a	nd Maintonanao Bonort Form
inspection a	nd maintenance Report Form
TO BE COMPLETED EVERY 7 DAY 0.5	'S AND WITHIN 24 HOURS OF A RAINFALL EVENT OF 5 INCHES OR MORES
PROJECT NAME:	
	DATE:
INSPECTOR QUALIFICATIONS:	
DAYS SINCE LAST RAINFALL:	AMOUNT OF LAST RAINFALL INCHES

Storm Water Pollution Prevention (SWPP) Plan

AREA	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED (YES/NO)	STABILIZED WITH	CONDITION

STABILIZATION REQUIRED: _____

TO BE PERFORMED BY: ______ ON OR BEFORE: _____

-

REVISION 1.0,

* *****. *

x.

Storm Water Pollution Prevention (SWPP) Plan

Inspection and Maintenance Report Form

۰.

CHANGES REQUIRED TO THE SWPP PLAN:					
	·······				
REASONS FO	DR CHANGES:				

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

SIGNATURE:	C)A	TE	
			_	

8.2 Certificate of Completion

The signed Certificate of Completion is attached.

المالية والمتراجع

e

الأنفية المراجع المراجع

.

Certificate of Completion

I certify that all the work pertaining to the Interim Action (IA) conducted at PRS Nos. 35-003(d, I, and q) has been completed in accordance with the *Interim Action Plan for Potential Release Sites 35-003(d, I, and q) Field Unit 4, Environmental Restoration Project, August 1996* (LANL 1996, 54915), reviewed by the Department of Energy and the Environmental Restoration (ER) Project Office. Based on my personal involvement or inquiry of the person or persons who managed this cleanup, a review of all data gathered, and a visit to the site, to the best of my knowledge and belief, all criteria of the plan have been met or exceeded. I believe that the completion of the IA is protective to both human health and the environment. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

nai

9/13/96 Date

Allyn Pratt Field Unit Four Project Leader Environmental Restoration Project Los Alamos National Laboratory

8.3 Approval/Disapproval Form

÷

The signed Interim Action Report Approval/Disapproval Form is attached.

e

٠

Late which is some in the conject

.

INTERIM ACTION REPORT APPROVAL/DISAPPROVAL FORM

PRS(s) 35-003(d, l, and q)

The undersigned have reviewed the Interim Action Report and believe that the intent and goals of the Interim Action Plan have been met.

FPL rai

. .

13/96 Date

FPC _____

Date

.....

I, Theodore J. Taylor, DOE-LAAO, **APPROVE**, **DISAPPROVE**, the accompanying Interim Action Report for PRS(s) 35-003(d, I, and q), TA-35.

The following reasons reflect the decision for disapproval:

Signed:_____

Date:_____