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PUBLIC WORKSHOP AGENDA - WASTE PITS REMEDIAL ACTION PROJECT (OU1) STATUS UPDATE - DECEMBER 3, 1996 - AGENDA AND HANDOUTS FROM WORKSHOP

12/03/96

DOE-FEMP/FDF PUBLIC
18
AGENDA

498

Public Workshop Agenda

Waste Pits Remedial Action Project (OU1) Status Update

7 p.m. Tuesday, Dec. 3, 1996
Classroom B, Alpha Building

I. Introduction
II. Infrastructure Improvements
III. Alternative Remedial Action Subcontracting Approach
IV. Transportation and Disposal
V. Discussion
VI. Closing Remarks

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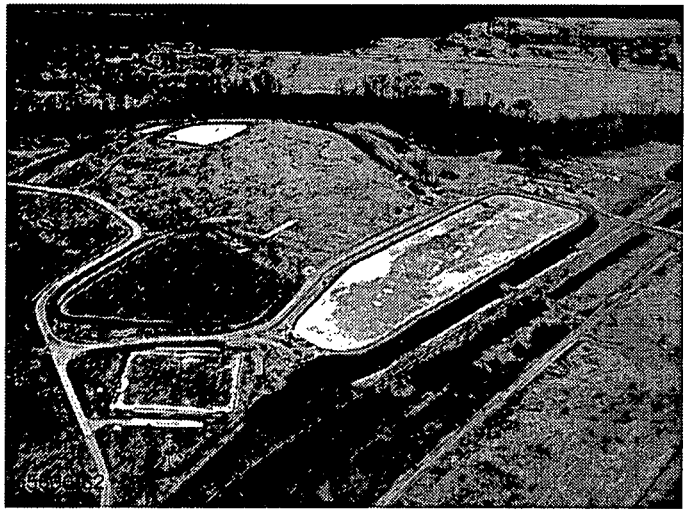
OPERABLE UNIT 1 - WASTE PITS

FERNALD



INCLUDES:

- Waste Pits 1 through 6
- Clearwell
- Burnpit
- Berms, Liners and Soils Within the OU Boundary

OBJECTIVE:

Excavate, Treat by Thermal Drying, Ship (by rail) and Dispose Pit Waste and Highly Contaminated Soils at a Permitted Commercial Disposal Facility.

IMPORTANT WPRAP (i.e., OU1) PROJECT MILESTONES

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RI/FS:	Remedial Investigation (RI)	Report Approved April 1, 1994
	Feasibility Study (FS)	Report Approved September 27, 1994
	Proposed Plan	Approved August 4, 1994
	Record of Decision (ROD)	Signed March 1, 1995
Design:	Remedial Design Work Plan	Approved June 21, 1995
	Preliminary Design Package	Approved March 13, 1996
	Pre-Final Design Package	Approved June 30, 1996

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498

IMPORTANT WPRAP (i.e., OU1) PROJECT MILESTONES (Cont'd)

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• Initiation of Substantive On-Site Remediation per the OU1 ROD, within 15 Months of ROD Signature (i.e., by June 3, 1996)	Began April 1, 1996
• Decision Document for an Alternative Remedial Action Subcontracting Approach (ARASA)	Approved March 6, 1996
• ARASA Statement of Work Submitted to USEPA and OEPA for Review*	Submitted June 28, 1996
• Remedial Action (RA) Work Plan Submitted to USEPA and OEPA for Review*	Submitted October 18, 1996

* These documents have also been provided to the Public for their inspection

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IMPORTANT WPRAP (i.e., OU1) PROJECT MILESTONES (Cont'd)

FERNALD

- RA Work Plan Comments Due — December 23, 1996
- RA Work Plan Identifies these Proposed Enforceable Milestones*:
  - Submittal of OU1 Transportation and Disposal Plan — April 30, 1998
  - Initiation of Operations (i.e., Loading of Waste) — March 1, 1999
  - Completion of Operations (including Above-Ground D&D) — May 31, 2005

* Additional milestones reflective of the submittal of Remedial Design and Remedial Action document packages developed by the ARASA subcontractor will be established in an amendment to the RA Work Plan, upon receipt of these dates from the subcontractor (after award).

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REMEDIAL ACTION ACTIVITIES

FERNALD

ACTIVITY:	PERFORMED BY:
Overall Project Management	DOE/Fluor Daniel Fernald
Infrastructure Development • Support Facilities, Grading, etc. • On-Site Rail Upgrades • Off-Site Rail Upgrades	 On-Site Support Contractor Rail Subcontractor CSXT
Design, Construction, Operation, and D&D of Remediation Facility • Excavation of Waste Pit Materials & Surrounding Soils • Preparation of Wastes (e.g., sorting, crushing, shredding) • Treatment of Wastes (e.g., thermal drying) • Loadout of Treated Wastes into Railcars	 ARASA Subcontractor (with FAT&LC & GCBCTC)
Transportation & Disposal • On-Site Railcar Movements • Off-Site Transportation • Disposal of Waste	 Fluor Daniel Fernald CSXT/UPRR PCDF

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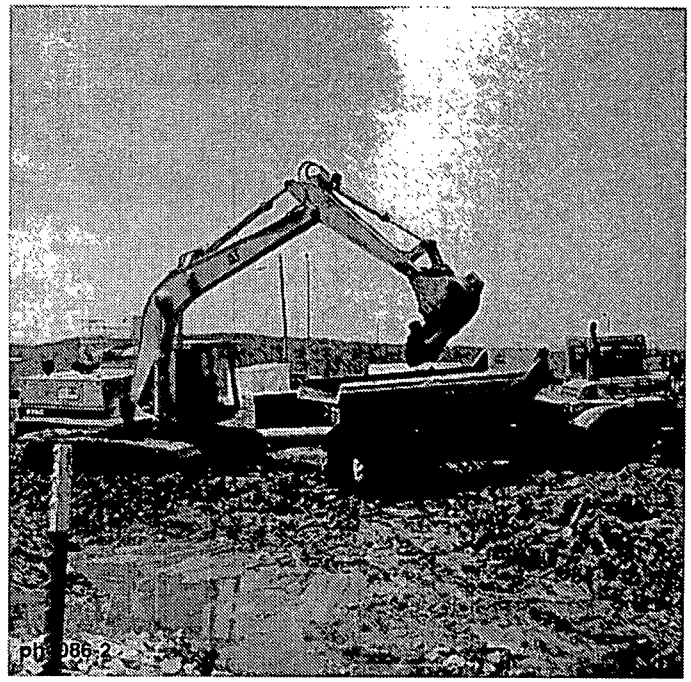
TRANSITION FROM DOCUMENTATION TO REMEDIATION

FERNALD



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WPRAP INFRASTRUCTURE DEVELOPMENTS

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On Site Improvements

Employee Access

- Change Facility
- Parking
- Radiological Control Point

Remediation Facility Area Site Improvements

- General Discussion of Improvements (With Before and After Photos)
- Awarded April 1, 1996/Completion May 29, 1997
- ARASA Subcontractor Work Area Boundary
- Rail Scale/Loadout Area
- OU1 Soil Stockpile
- Stormwater Control Improvements

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WPRAP INFRASTRUCTURE DEVELOPMENTS

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On Site Improvements (Cont'd)

North Railyard

- General Discussion of Improvements (With Before and After Photos)
- Integration With Soils Characterization & Excavation Project
  - Excavation of a Minimum of Top Six Inches of Soils
  - West Impacted Stockpile Area
- Conceptual Drawing of Railyard
- Railroad Installation Contract Awarded October 8, 1996, Completion Scheduled for September 30, 1997
- Access Roads (Original North Entrance Under Consideration)
- Paddys Run Trestle/Rail Enclave

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WPRAP INFRASTRUCTURE DEVELOPMENTS

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Off Site Improvements (i.e., Branch Line Trestle Upgrades)

Okeana Trestle (Bridge #270)

- Photo of Trestle as it Currently Exists
- Design of Modifications Complete
- General Discussion of Planned Trestle Modifications
- Contruction Contractor Identified
- State Historic Preservation Office (SHPO) Coordination Performed
- Schedule for Upgrades

South Wynn Road (Bridge#257) and Camp Run (Bridge #249) Trestles

- Planned Trestle Modifications

498

WASTE PITS REMEDIAL ACTION PROJECT

FERNALD

ALTERNATIVE REMEDIAL ACTION SUBCONTRACTING APPROACH (ARASA)

What will be Subcontracted?

- Excavation of All Pits, Clearwell and Burnpit
- Processing of Waste, Contaminated Soils, and Associated Wastewater

What is the Subcontractor's Product?

- Gondola Loaded with Treated Waste, Certified to Meet WAC and Accepted by PCDF
- Cover in Place; Lined
- Gondolas Decontaminated to Meet DOT Requirements

What will DOE-FEMP/Fluor Daniel Fernald Do?

- Accept "Certified for Shipment" Gondolas
- Manage and Operate Onsite Railyard
- Arrange and Oversee Shipment
- Interface with PCDF

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WASTE PITS REMEDIAL ACTION PROJECT

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ALTERNATIVE REMEDIAL ACTION SUBCONTRACTING APPROACH (ARASA)

WHY ARE WE MOVING ALONG THIS PATH?

1) Utilizes Subontractor Expertise and Accumulated Operating Experience

2) Takes Advantages of Competitive Market Forces to Get Cost Advantages

3) Employs Private Sector Investment to Construct Facilities; Frees Up Funds in FY97 to Further Other Projects

4) Potential for Supplemental DOE-HQ Funding Via "Capital Lease" Application

WASTE PITS REMEDIAL ACTION PROJECT

FERNALD

ARASA CHRONOLOGY

February 1996	Fluor Daniel Fernald (FDF) Prepares Decision Document
March 1996	DOE-FEMP Approves Decision Document
	FDF Issues Commerce Business Daily Notice (CBD) to Determine Interest of Potential Offerors
May 1996	FDF Pre-Qualifies Seven (7) Potential Offerors
June 1996	FDF Submits Draft Statement of Work (SOW) to FAT&LC for Review
	FDF Prepares Draft Statement of Work (SOW) and Submits to DOE-FEMP for Technical Review
	DOE-FEMP Submits Draft SOW to U.S. EPA and Ohio EPA for Review

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WASTE PITS REMEDIAL ACTION PROJECT

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ARASA CHRONOLOGY (Cont'd)

Mar-Oct 1996	FDF Conducts Orientation Meetings with FAT&LC
July 1996	FDF Develops Draft Request for Proposal (RFP)
	FDF Submits Draft RFP to DOE-FEMP for Contractual Review
	FDF Submits Draft RFP to Potential Offerors for Review and Comment
August 1996	DOE-HQ Identifies Capital-Lease Program for Off-Line Funding
October 1996	FDF Prepares and Submits Capital-Lease Application for Office of Management and Budget (OMB)
December 1996	Decision on Capital Lease Funding

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WASTE PITS REMEDIAL ACTION PROJECT

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FUTURE ACTIVITIES

Issue ARASA RFP	January 1997
Award ARASA Subcontract	September 1997
Initiate Waste Processing	March 1999
Completion of Remedial Action	Year 2005

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WPRAP TRANSPORTATION AND DISPOSAL

FERNALD

Transportation Summary

Approach: DOE-FEMP/Fluor Daniel Fernald Responsible for Rail Transportation to the Permitted Commercial Disposal Facility (PCDF)

Completed Activities:

- Railcar Selection
  - Finalization of Economic Analysis.
    - Selected Lined, Covered, Gondola Railcars
    - Approximately 135 Railcars Needed for Shipment of 110,000 Tons/Yr.
    - Initiating Procurement with Award Anticipated October 1, 1997

WPRAP TRANSPORTATION AND DISPOSAL

FERNALD

Transportation Summary (Cont'd.)

- Locomotive Acquisition
  - Procured Locomotive April, 1996
  - Currently Looking for 2nd Locomotive
- On-Site Rail
  - Designed for a Maximum Storage of 165 Railcars
  - Train Origination On-Site
- RA Transportation Plan Currently Being Developed

WPRAP TRANSPOTATION AND DISPOSAL

FERNALD

Disposal Summary

Approach: DOE-FEMP/Fluor Daniel Fernald Responsible for Waste Disposal at an Off-Site Permitted Commercial Disposal Facility (PCDF)

Completed Activities:

- PCDF Procurement
  - DOE-OH Procuring Disposal Services
  - WPRAP Quantity Discounts for Other DOE-OH Sites (only DOE-FEMP wastes shipped from FEMP)
  - Received PCDF Proposals
  - Award Expected December 1996
- RA Disposal Plan Currently Being Developed