FERNALD CLEANUP PROGRESS BRIEFING
APRIL 1998

OU4 - Silos Project

OU1 - Waste Pits Remedial Action Project

Waste Management Project

OU5 - Aquifer Restoration/ Wastewater Project

OU3 - Facilities Closure & Demolition Project

OU2 - On-Site Disposal Facility Project

Project Management

OU5 - Soil Characterization & Excavation Project

Graphics #5005.0A 4/98

FERNALD CLEANUP PROGRESS BRIEFING
APRIL 1998

6:30 p.m.	Opening Remarks	Gary Stegner
6:35 p.m.	Project Updates	
	Waste Pits Remedial Action Project	Dave Lojek
	Facilities Closure & Demolition Project	John Trygier
	Silos Project	Nina Akgunduz
	Aquifer Restoration/Wastewater Project	Dennis Carr
	Soils Characterization & Excavation Project	Rob Janke
	On-Site Disposal Facility Project	Jay Jalovec
	Waste Management	John Sattler
Question and Answer Session		
	-- Break --	
7:45 p.m.	Fernald Corrective Action Plan	John Sattler
8:30 p.m.	Adjourn	

PROJECT NEWS
OU1 - WASTE PITS REMEDIAL ACTION PROJECT

- Transportation and disposal
- Gondola railcar procurement
- IT Corporation's Remedial Design Plan in PEIC
- WPRAP field work

WASTE PIT REMEDIATION AREA

Photo taken November 1997

Graphics # 5005.1B 4/98 Photo #6787-7

SHANDON YARD

Photo taken February 1998

Graphics # 5005.1C 4/98 Photo #6803D-24

LOCOMOTIVE MAINTENANCE FACILITY

Photo taken February 1998

Graphics # 8005.1D 4/98 Photo #6349D-1302

ON-SITE TRACK LEVELING

Photo taken February 1998

Graphics # 8005.1E 4/98 Photo #6349D-1299

PROJECT NEWS
OU2 - ON-SITE DISPOSAL FACILITY

- March 26 - resumed placing east stockpile material in OSDF, following winter shutdown
- Additional placement to begin this summer (debris, southern waste units, existing stockpiles)
- Material transfer area for debris nearing completion

EAST STOCKPILE

Photo taken March 1998

Graphics # 8005.2B 4/98 Photo #6319D-1180

CELL 1 MATERIAL PLACEMENT

Photo taken March 1998

Graphics # 8005.2C 4/98 Photo #6319D-1172

CELL 1 MATERIAL PLACEMENT

Photo taken March 1998

Graphics # 8005.2D 4/98 Photo #6319D-1158

CELL 1 MATERIAL PLACEMENT

Photo taken March 1998

Graphics # 8005.2D 4/98 Photo #6319D-1158

PROJECT NEWS
OU3 - FACILITIES CLOSURE & DEMOLITION PROJECTS

- Plant 8 safe shutdown complete
- Decontamination and dismantlement activities in Plant 9 and Boiler Plant continue
- Maintenance/Tank Farm Request for Proposal issued
- Sewage Treatment Plant Implementation Plan issued

PLANT 8

Photo taken March 1998

Graphics # 5005.3B 4/98 Photo #6681D-105

PLANT 9

Photo taken March 1998

Graphics # 8005.3C 4/98 Photo #6494D-212

BOILER PLANT

Photo taken March 1998

Graphics # 8005.3D 4/98 Photo #6407D-522

BOILER PLANT

Photo taken April 1998

Graphics # 8005.3E 4/98 Photo #6407-541

PROJECT NEWS
OU4 - SILOS PROJECT

- Awaiting feedback on Accelerated Waste Retrieval Project
- Reviewing proposals for Silo 1 and 2 Proof of Principle testing
- Silo 3 Project
  - Request for Proposal
  - Explanation of Significant Differences
  - Remedial Design Work Plan
  - Small Scale Retrieval

SMALL SCALE WASTE RETRIEVAL

Photo taken March 1998

Graphics # 5005.4B 4/98 Photo #6759D-152

SILOS PROJECT WORKSHOP

Photo taken April 1998

Graphics # 8005.4C 4/98 Photo #6759D-47

PROJECT NEWS
OU 5 - AQUIFER RESTORATION/ WASTEWATER PROJECT

- Expansion of AWWT complete
- Successful Regeneration Demonstration at AWWT
- New Sewage Treatment Plant - construction complete
- Construction of South Field Extraction System/South Plume Optimization/Injection Demonstration systems - 80 percent complete

AWWT EXPANSION

Photo taken March 1998

Graphics # 5005.5B 4/98 Photo #5531A-1049

NEW SEWAGE TREATMENT PLANT

Photo taken March 1998

Graphics # 5005.5C 4/98 Photo #6607D-133

SOUTH FIELD OPTIMIZATION

Photo taken March 1998

Graphics # 8005.5D 4/98 Photo #6769D-19

PROJECT NEWS
OU 5 - SOILS CHARACTERIZATION & EXCAVATION PROJECT

- Southern Waste Units Site Preparation work - 90 percent complete
- Southern Waste Units remediation expected to begin July 1998
- Area 1, Phase II Status; Area 8 Phase I Status

SOUTHERN WASTE UNITS

Photo taken March 1998

Graphics # 5005.6B 4/98 Photo #6734D-390

SOUTHERN WASTE UNITS

Photo taken March 1998

Graphics # 5005.6C 4/98 Photo #6734D-393

PROJECT NEWS
WASTE MANAGEMENT

- Copper recycling
- Toxic Substance Control Act (TSCA) incinerator
- Loss of Fluid Test (LOFT) fuel rods

COPPER SAMPLING

Photo taken January 1998

Graphics # 5005.7B 4/98 Photo #6780-1

TSCA INCINERATOR - OAK RIDGE, TN

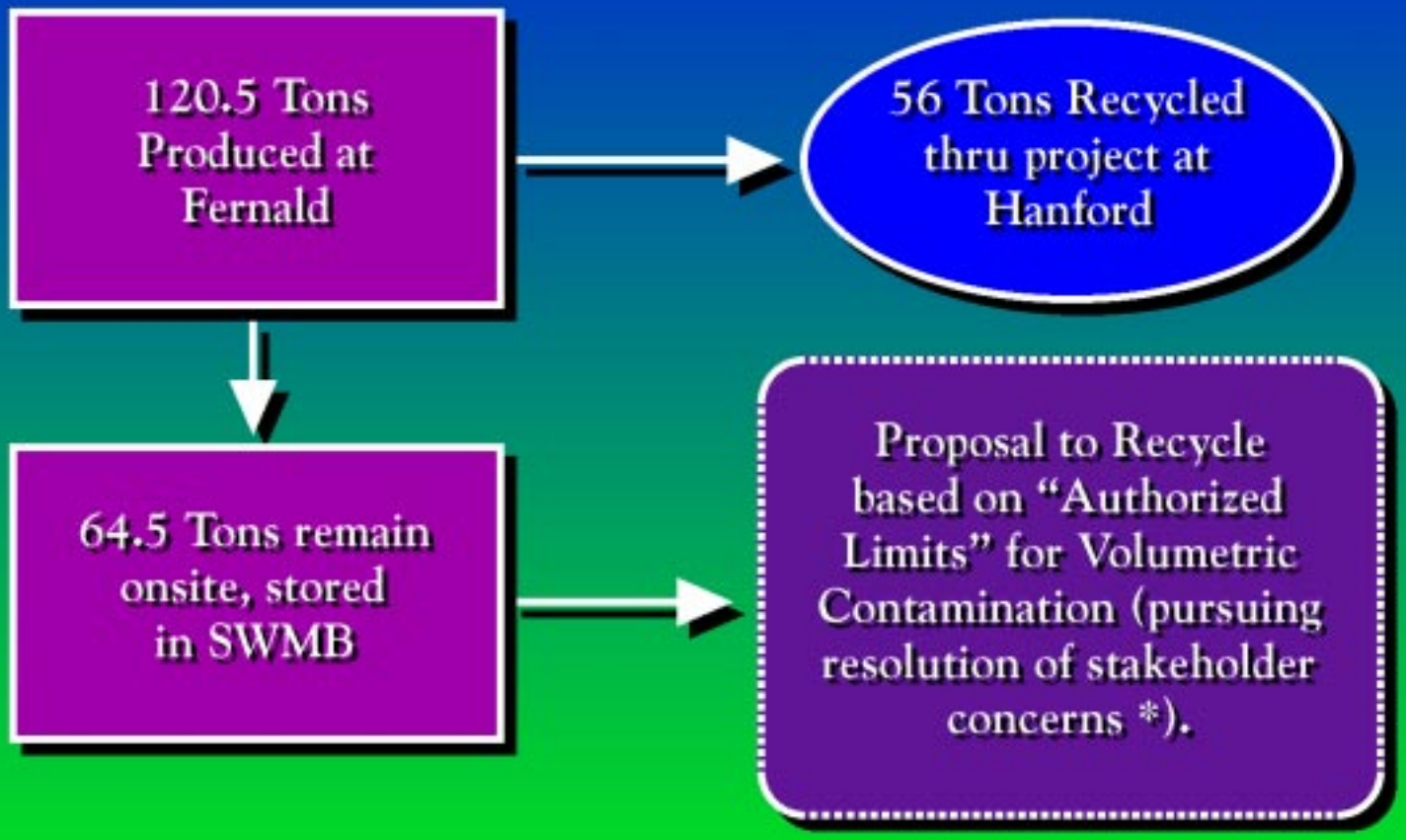
Graphics # 8005.7C 4/98 Photo #6836-2

L.O.F.T. MATERIAL PACKAGING

Photo taken March 1998

Graphics # 8005.7D 4/98 Photo #6855-D20

FERNALD SCRAP COPPER : INGOTS



* - Authorized Release Limits (volumetric) have been addressed at Public/CAB Meetings on 7-8-97, 12-9-97 and 2-7-98.

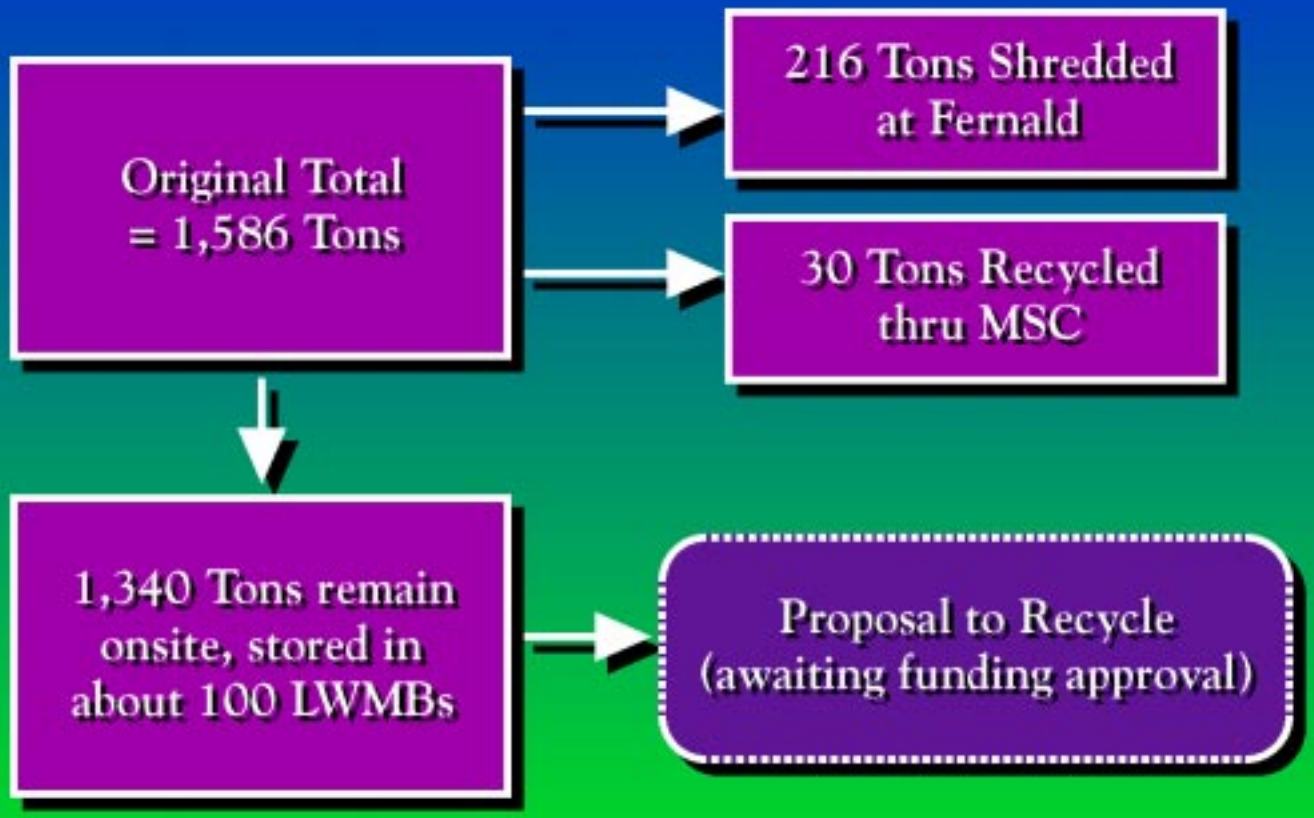
FERNALD SCRAP COPPER : SHREDDED

216 Tons of Motor Windings Shredded at Fernald

→ 120.5 Tons of Ingots produced at Fernald

↓ 95.5 Tons remain onsite, stored in 30-gal drums overpacked into SWMBs

→ Task Order * Subcontract has been awarded to Alaron to process and recycle. Containers are being prepped for shipment to Alaron's facility in PA.

* - Part of the Recycling Supplemental Environmental Projects (SEPs) for OU 4 Dispute Resolution agreement between DOE and USEPA.

FERNALD SCRAP COPPER : MOTOR WINDINGS