



State of Ohio Environmental Protection Agency

Southwest District Office

FERNALD
LOG F-0163

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Bob Taft, Governor
Maureen O'Connor, Lt. Governor
Christopher Jones, Director

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FILE: 12712
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November 30, 2004

Ms. Linda Jarnagin
U.S. Department of Energy
Richland Operations Office
P.O. Box 550, A7-80
Richland, WA 99352

RE: FERNALD COST RECOVERY GRANT AWARD NUMBER DE-FG24-99OH20096

Dear Ms. Jarnagin:

Attached please find Ohio EPA's Quarterly Report for the period July 1, 2004 through September 30, 2004 detailing activities related to the Cost Recovery Grant.

If you should have any questions regarding this report, please contact me at (937) 285-6466.

Sincerely,


Thomas A. Schneider
Fernald Team Leader
Office of Federal Facilities Oversight

cc w/o enc: Graham Mitchell, Chief, OFFO
Becky Hegyi, Grants Coordinator, OFFO
John Brown, Fernald Site Auditor
William Taylor, DOE Fernald

cc w/ enc: Jim Beaton, Grants Administrator, Fiscal
Johnny Reising, DOE Fernald

CRG Quarterly Report

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DOCUMENT APPROVALS

Provided Ohio EPA approval on the following documents: 1) RtC PSP for Direct Push in Former Excavation Area; 2) RtC & Revised Pits 4, 5 & 6 PSP; 3) Rev. A9P3 Part 1 Excavation Plan; 4) Silo 3 Release Estimate DCN; 5) Revised PSP for Predesign of A2P2 Subarea 3; 6) 3B/4B CDL & PSP; 7) A9PIII RTC - Part One Excavation Plan Part One; 8) A9PIII RTC - CDL and PSP; 9) PSP for Characterization of A7 TTA Subsurface Soils; 10) RtC on '03 IEMP.

DOCUMENT REVIEWS

Provided Ohio EPA review of the following documents: Heel & Decant Supmp Tank Sludge Removal Plan RtC; 2) Draft Paddys Run East NRDP; 3) OU1 Complex D&D Implementation Plan; 4) Verification Report for PCE in FTF Soils; 5) Silo 1 & 2 RAWP; 6) June 2004 OSDF Inspection checklist; 7) Silo 3 Transportation and Disposal Plan; 8) 03/04 OSDF Inspection Report; 9) RTC for A9PIII Predesign; 10) VFCN 20450-PSP-0005-6; 11) Rev. A9P3 Part 1 CDL & PSP; 12) Rev. A9P3 Part 1 Excavation Control; 13) Verification Report for PCE in FTF Soils RevB.

MEETINGS

One or more OFFO staff participated in the following meetings:

Weekly Project Managers conference calls (4); Radon conf. calls (4); OFFO staff meeting; silos conf. calls (3); NRD calls (6); rad team call/mtgs (4); ITRC Radionuclides Team Mtg; Fernald Congressional tour

SEPTEMBER 2004**ENVIRONMENTAL MEASURES AND MONITORING**

- Collected 11 (out of 12) hi-vol samples for airborne particulates from hi-vol monitors at Fernald.
- Continued monitoring for radon and publishing real-time data to the Internet from two locations near the silos and at a background location.

HIGHLIGHTS AND SIGNIFICANT EVENTS

- The September monthly average uranium concentration in water discharged to the Great Miami River was 24.1 ppb, in compliance with the 30 ppb monthly regulatory limit. During September 2004, the FCP discharged 48 pounds of uranium to the river. Through the end of September, the FCP has discharged 429 pounds of uranium to the Great Miami River, in compliance with the 600 pound per calendar year limit. With 75% of the calendar year past, the cumulative discharge is running at about 70% of the annual limit. The Converted Advanced Waste Water Treatment (CAWWT) piping fabrication and installation is underway. Abandoned Outfall Line excavation continued.

**Ohio EPA Office of Federal Facilities Oversight
Cost Recovery Grant Quarterly Report
for the
Fourth Quarter of FFY04**

JULY 2004

ENVIRONMENTAL MEASURES AND MONITORING

- Collected 5 surface water samples.
- Collected 12 (out of 12) hi-vol samples for airborne particulates from hi-vol monitors at Fernald.
- Continued monitoring for radon and publishing real-time data to the Internet from two locations near the silos and at a background location.

HIGHLIGHTS AND SIGNIFICANT EVENTS

- Initiated Abandoned Outfall Line excavation. This pipeline is the former discharge line to the Great Miami River and will be the largest off-site excavation of the project.
- Flour Fernald declared readiness to operate Silo 3 remediation facilities. DOE told FF to keep the facility in a mode ready to operate but to not initiate operations based upon the problems with disposal at NTS.
- GC-1 issued a letter to the Attorney General of the state of Nevada on July 28, 2004, which presented DOE's positions on the issues identified by the Attorney General in his letter dated April 13, 2004. The response letter from the Attorney General, dated August 2, indicated that his staff would not be available to review and respond to the letter for several weeks.

DOCUMENT APPROVALS

Provided Ohio EPA approval on the following documents: 1) RCI 20105-009R; 2) FTF PCE Treatment Verification; 3) DCN 40430-JEG-252; 4) V/FCN 20803-PSP-0001-13 PSP; 5) V/FCN 20730-PSP-0005-1PSP.

DOCUMENT REVIEWS

Provided Ohio EPA review of the following documents: 1)DCN Clearwell to SWIM Pond; 2) A9P3 Part 1 Outfall Line Excavation Plan; 3) Response to OEPA Silo3 Pneumatic Hose; 4) PSP for Excavation Control A9P3 Part 1?; 5) DCN Clearwell SW Mgt Plan Informal; 6) A9P3 Part 1 CDL & PSP; 7) 2003 Site Environmental Report; 8) Q1 2004 Dryer Stack Report.

MEETINGS

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ADMINISTRATIVE

- Joe Bartoszek participated in the Great Miami River cleanup.

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silos conf. calls (3); rad team call (2); NRD mtg.; GW call; LM call; Fernald tour with USFWS; TIE mtg.

ADMINISTRATIVE

- Tom Schneider attended Wetland Biotic Index training in Columbus.

OHIO EMERGENCY MANAGEMENT AGENCY ACTIVITIES

- OEMA continues to work on the annual update to the State of Ohio Hazardous Materials Emergency Management Plan and attached USDOE Annex, which has been determined to be a **SECURE** document under ORC 149.433. A draft of the Hazmat plan was completed and is under review.
- OEMA continues to work with EPA offices and the counties on the implementation of the DOE funding grant. OEMA continues to administer the CMOG funding program for reimbursement of money to the counties.
- Butler County reports that they continue to update and revise their plans that deal with the Fernald facility.
- Ohio EMA taught a CAMEO course in Butler County in August.
- A CAMEO Train-the-Trainer course also was offered by Ohio EMA in August.
- Hamilton and Butler Counties continue to purchase new equipment to upgrade their capabilities in both the EOC and for response vehicles.
- Butler County reports that they continue to respond to tests from Fernald using the communications equipment, which includes the fax machine and the phone.
- OEMA continues to upgrade the State EOC as a central notification point and information clearinghouse for incident assessment. The operating procedures for the EOC have been revised to more closely align operations with that of the Incident Command System. A new EOC administrative software program has been installed and Ohio EMA staff, as well as the EOC staff of responding state agencies, continue to be trained and tested on the software.