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FLUOR

October 28, 2006

Fernald Closure Project
Letter No. C:CPD:2006-0207

Mr. Johnny W. Reising, Director
U. S. Department of Energy
Ohio Field Office - Fernald Closure Project
175 Tri-County Parkway
Cincinnati, Ohio 45246

Dear Mr. Reising:

CONTRACT DE-AC24-01OH20115, TRANSMITTAL OF STATEMENT OF COMPLETION FOR BORROW AREA

This letter documents the Statement of Completion for the Borrow Area Natural Resource Restoration Project at the Fernald Closure Project (Figure 1). The Borrow Area encompasses approximately 80 acres in the southeastern portion of the site. The project includes the third required wetland mitigation project. The completion of restoration activities on the On-Site Disposal Facility (OSDF) cap is also discussed in this report (Figure 2).

The objectives for the Borrow Area project included 1) restoring the Borrow Area footprint to predominantly wet prairie and marsh; 2) restoring the perimeter areas to an upland prairie ecosystem with a surrounding buffer of upland trees and savanna; 3) establishing open water in the northwest corner of the project; and 4) constructing wetlands to fulfill regulatory wetland mitigation requirements. In addition, the existing aesthetic barrier along Willey Road was enhanced with native species. The Borrow Area was divided into eight sub areas. Restoration work started in the Spring of 2004 and was completed in the Fall of 2006. The chronology of restoration activities is as follows:

Fall 1999	Planted aesthetic barrier
Spring 2004	Graded Subarea 1
Fall 2004	Graded, seeded and planted Subarea 2
Spring 2005	Seeded Subareas 3, 4, and 8 (Wetland Mitigation Phase III), half of Subarea 7 and the Borrow Area perimeter.

Fall 2005	Planted Sub Areas 3, 4, and 8 (Wetland Mitigation Phase III), half of Subarea 7 and the Borrow Area perimeter. The aesthetic barrier was enhanced with additional planting.
Fall 2006	Graded and seeded Sub Areas 5, 6, half of 7 and Area 1, Phase IV were graded and seeded.

Changes from original design:

- The original design for Subareas 5, 6, and half of 7 included an interlocking network of ponds and vernal pools. The design was altered to create areas of wet prairie and marsh.
- Less borrow material was needed in Subareas 5 and 6 than was originally anticipated. Therefore, the area was seeded as upland prairie instead of wetland.
- The shrub patches originally planned for Subareas 5, 6 and 7 were moved to the east slope of Subarea 7.

Mortality counts and herbaceous cover estimates for the Borrow Area will be conducted next spring/summer (2007). Water quality sampling and water elevation measurements will be conducted in 2007 for the portions of the Borrow Area that account for wetland mitigation acreage. A wetland delineation will be conducted in 2008 to determine the extent of wetland created. The DOE Office of Legacy Management is responsible for the necessary maintenance and monitoring in this area following Site Closure.

The OSDF cap has been seeded with native grasses and forbs pursuant to the approved OSDF design. Quarterly inspections are conducted jointly with the regulatory agencies to ensure that the integrity of the cap is maintained. Specific monitoring and maintenance activities associated with the OSDF cap are addressed in quarterly OSDF inspection reports as specified in the Comprehensive Legacy Management and Institutional Controls Plan. The next quarterly inspection is scheduled for December 2006.

Any questions on this matter should be directed to Jyh-Dong Chiou at (513) 738-2834 or John Homer at (513) 484-2313.

Sincerely,

Cornelius M. Murphy
Closure Project Director

CMM:JDC:JH:jkp

Enclosures (2)

c: With Enclosures

Joe Desormeau, DOE-OH/FCP
John Homer, MS12
Frank Johnston, MS12
Timothy L. Jones, Contracting Officer, DOE/EMCBC
Melissa Lutz, Stoller
Tammy Terry, MS1
DOE Records Center
File Record Subject - Silos Area NRRDP
Letter Log Copy, MS1
Project Number 20911.2.22
Administrative Record (2 enclosures), MS6

Without Enclosures

Jyh-Dong Chiou, MS88
Donna Metzler, Stoller, MS2
Uday A. Kumthekar, MS88
Lisa McHenry, MS12
Dennis Sizemore, Fluor Fernald, Inc. Prime Contract, MS1

Figure 1

Borrow Area / OSDF
Natural Resource Restoration Completion Report

SEPTEMBER 9, 2006 PHOTO

LEGEND

- PLANTING PATCHES
- DECLARATION AREAS
- OSDF FENCE
- PROJECT AREA BOUNDARY
- PREVIOUS COMPLETION REPORT AREA COVERED

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Figure 2
Borrow Area / OSDF
Natural Resource Restoration Completion Report

SEPTEMBER 9, 2006 PHOTO

LEGEND

- OSDF FENCE
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