Fluor Fernald, Inc.
P.O. Box 538704
Cincinnati, OH 45253-8704

FLUOR

July 6, 2006

Fernald Closure Project
Letter No. C:CPD:2006-0133

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 PHASE 1 OF THE FORMER PRODUCTION AREA

This letter documents Statement of Completion for Phase I of the Former Production Area (FPA) Natural Resource Restoration Project at the Fernald Closure Project. The FPA includes all of the former production and administration areas at the site, including the storm water retention basins (SWRB). The portion completed and discussed in this Completion Report includes Areas 3A, 3B, 4A, 6C, 6D, 6I, MDC-N, MDC-3B and MDC-2nd St., as indicated on the attached aerial photo.

The objectives for the FPA restoration involved the establishment of wetland and open water areas surrounded by upland mesic prairies. Several wetland and upland shrub patches were strategically placed for increased diversity and wildlife habitat. In addition, herbaceous plant plugs were planted to facilitate wetland creation. Wildlife amenities were also installed in order to promote wildlife use of the restored areas. The project required grading, incorporation of compost into the soil, seeding and planting. Restoration work started in the Fall of 2004 and was completed in the Spring of 2006.

The FPA restoration was conducted in accordance with the following:

- Former Production Area Natural Resource Restoration Design Plan (NRRDP)
- Grading plan for Areas 3A/4A
- Grading plan for Area 3B (included with the FPA NRRDP listed above)
- Grading plan for Area 6 (included MDC-3B and MDC-2nd St.)
- Grading plan for Area 4B (included MDC-N, however Area 4B is not included in this report)

This completion report discusses the activities as described in the NRRDP and the associated grading plans. The sequence of Phase I of the Former Production Area restoration activities is as follows.

Fall 2004:
- Established access to and graded Area 3B

Spring 2005:
- Established access to and graded Area 3A
- Seeded Areas 3A and 3B

Summer 2005:

- Installed erosion control matting in Areas 3A and 3B

Fall 2005:

- Established access into Area 4A
- Initiated grading in Area 4A
- Initiated seeding in Area 4A
- Planted shrubs in Areas 3A and 3B
- Planted herbaceous plugs in Area 3B

Winter 2005:

- Graded Area 6C
- Planted shrubs in Area 4A
- Planted herbaceous plugs in Area 4A

Spring 2006:

- Completed grading in Area 4A
- Graded all remaining areas (MDC-N, MDC-2nd St., MDC-3B, 6D, 6I)
- Completed seeding in Area 4A
- Seeded all remaining areas
- Installed erosion control matting
- Planted herbaceous plugs in Area MDC-N
- Installed wildlife amenities in all areas

Deviations from original designs:

- Enhanced the grading design in the field in order to maximize wetland acreage within Areas 6D, 6I, and MDC-N
- In order to establish the expanded wetland acreage in MDC-N, herbaceous plugs originally slated for Area 3A were installed in MDC-N. The plugs are now spread across a broad, shallow basin, rather than along the fringe of an open water community.
- Installed additional dormant willow cuttings where feasible across the project area for bioengineering erosion control. Dormant cuttings were collected onsite in winter 2005.
- Moved one shrub patch from Area 3B to Area 6I in order to facilitate restoration grading. The relocation was necessary in order to tie Area 3B into Area 6I (Area MDC-3B).
- Relocated the fox den wildlife amenity from Area 3A to Area 6B (Note that Area 6B will be included in the Former Production Area (Phase II) Completion Report).
- The northern corner of Area 6I was not certified and therefore will be restored as part of the Soil Pile 7 (SP 7) footprint (the area north of Area 3B, see attached photo).

Currently, a construction road remains in place between Areas 6C and 3B. This road is the primary access to the FPA and also serves as access to SP 7. Once SP 7 is certified, the road will be removed and the area will be seeded as mesic prairie.

Mortality counts for the project area will be conducted in late summer of 2006. The DOE Office of Legacy Management will ensure necessary maintenance and monitoring in this area following Site Closure.

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:LM:ldt
Enclosure

c: With Enclosure
Joe Desormeau, DOE-OH/FCP
John Homer, MS12
Frank Johnston, MS12
Timothy L. Jones, DOE Contracting Officer, DOE/EMCBC
Garner Powell, MS60
Mike Stumbo, MS60
Harold Swiger, MS12
Chuck Van Arsdale, MS88
Jerry Williams, MS60
DOE Records Center
File Record Subject – Former Production Area
Letter Log Copy, MS1
Project Number 20810 & 20800.2.22
Administrative Record (w/2 copies of enclosure), MS6

Without Enclosure
John S. Brown, DOE/EMCBC
Reinhard Friske, MS60
Uday Kumthekar, MS88
Lisa McHenry, MS12
Donna Metzler, Stoller, MS2
Dennis Sizemore, Fluor Fernald, Inc. Prime Contract, MS1
Gary Stegner, DOE/OH
Tammy Terry, MS1

PHASE I COMPLETION OF THE FORMER PRODUCTION AREA NATURAL RESOURCE RESTORATION PROJECT

Lidar date 4-4-06