



Department of Energy

Washington, DC 20585

January 14, 2014

Mr. Timothy Fischer
U.S. Environmental Protection Agency
Region V-SRF-6J
77 W. Jackson Blvd.
Chicago, IL 60604-3590

Mr. Thomas A. Schneider
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402

Dear Mr. Fischer and Mr. Schneider:

SUBJECT: Transmittal of the December 2013 Fernald Preserve On-Site Disposal Facility Inspection Forms

The purpose of this letter is to transmit the completed forms for the December 2013 inspection of the On-Site Disposal Facility (OSDF). The inspection was conducted on December 11, 2013. Photographs of the OSDF and the surrounding area were taken to accompany the inspection and are included with this report. The inspection was conducted by Stoller and the Ohio Environmental Protection Agency (Ohio EPA).

The *Fernald Preserve Comprehensive Legacy Management and Institutional Controls Plan* (LMICP) describes the inspection process. The December 2013 inspection included a walk of the toe, drainages, and fence line. Originally, the December inspection was to also include a walk-down of the entire OSDF cell cap area. However, due to inclement weather, snow cover, and ensuring the safety of the inspection participants, the cell cap walk-down has been postponed until March 2014.

Individuals recorded their findings on the *Fernald Preserve OSDF Walk-down Inspection Form* and indicated the locations of those findings on a map of the OSDF. The form was recently revised to better mimic a new maintenance database into which the inspection findings are entered.

The consolidated *Fernald Preserve OSDF Walk-down Inspection Report* and map documenting the findings from the inspection are included with this report. Most findings were related to the presence of woody vegetation and signs that need to be re-attached. No major changes were observed in the status of erosion along the toe of the slope or the fence line. These findings have been noted during previous inspections and maintenance at these locations is ongoing.

Inspectors continued to observe restricted flow in several locations along the west inner drainage. These findings have been evaluated as part of a "follow-up" inspection, pursuant to Section 7.2



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of the *Post Closure Care and Inspection Plan*. A technical review was provided October, 2013. DOE continues to discuss a path forward for repair of the drainage areas. It is anticipated that field repairs will be conducted in spring 2014.

Findings from this inspection have been added to the Fernald Maintenance and Repair Action Items Report, a print out of which is enclosed. The format of this report has changed as a result of the data being moved from Microsoft Excel to Microsoft Access. The information provided on the print out remains the same. Resolution of the findings is then tracked through this database. Items on the list that were resolved since the previous inspection are included in the report with the date and a description of the resolution. Previously reported resolved items are removed from the list. Resolution of older findings can be found on previous quarterly inspection reports.

The next OSDF cell cap inspection is scheduled for March 2014 and will include a walk-down of the entire cell cap, toe, drainages, fence line, and any items of special interest or concern.

If you have any questions or require additional information, please call me at (513) 648-3333. Please send any correspondence to:

U.S. Department of Energy
Office of Legacy Management
10995 Hamilton-Cleves Hwy.
Harrison, OH 45030

Sincerely,



Gwen Hooten
Fernald Preserve Site Manager
DOE-LM-20.2

Enclosure

cc w/enclosure:

M. Murphy, USEPA-V, A-18J
T. Schneider, OEPA (three copies of enclosure)
Project Record File FER 115.02.05(A)
Administrative Records (thru B. Irvine)

cc (electronic w/o enclosure):

G. Hooten, DOE
K. Reed, DOE
B. Hertel, Stoller
J. Homer, Stoller
L. McHenry, Stoller