Department of Energy
Office of Legacy Management

February 20, 2008

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 19, 2007 Inspection Checklist for On-Site Disposal Facility**

The purpose of this letter is to transmit the completed forms for the December 19, 2007 inspection of the On-Site Disposal Facility (OSDF). Photographs of the disposal facility and the surrounding area were taken to accompany the inspection and are included with this report. The inspection was conducted with participation from Tetra Tech, Civil and Environmental Consultants (CEC), and the S.M. Stoller Corporation.

The December 2007 OSDF inspection is the first conducted pursuant to the revised inspection approach that was proposed as part of the draft 2008 Legacy Management and Institutional Controls Plan (LMICP). A revised approach was originally presented in the draft LMICP that was submitted in October 2007. Subsequent discussions with OEPA resulted in a revised inspection proposal that was submitted on December 19, 2007. The proposal expanded the use of field forms and enhanced the tracking of follow-up actions. Where applicable, comments received on this proposal were incorporated into the attached forms. Additional comments will be addressed in the revised LMICP.

The December 2007 inspection was a north/south transect. Findings were recorded on the Fernald Preserve OSDF Walk-down Inspection Form and were documented on a map of the OSDF. Both the form and the map are attached to this report. Several items identified require continued observation to determine if further actions are warranted. These findings were entered into a GPS system and were photographed. The photographs are attached to this report.

As stated above, a key component of the revised inspection approach is the documentation of follow-up activities. Findings from site inspections, OSDF inspections, and observations from Fernald Preserve personnel during day to day operations will be entered into the Fernald Preserve Maintenance and Repair Action Items form. This document was recently submitted as an attachment to the December 2007 Site Inspection Report. It is anticipated that this form will be updated and submitted on a regular basis, in advance of the monthly agency conference call.

The next OSDF Cell Cap inspection is scheduled for March 2008. If you have any questions or require additional information, please call me at (513) 648-3148.

Sincerely,

Jane Powell

Jane Powell
Fernald Site Manager
DOE-LM-20.1

Enclosure

cc w/enclosure:
M. Cullerton, Tetra Tech.
M. Murphy, USEPA-V, A-18J
J. Reising, DOE-EM
T. Schneider, OEPA (three copies of enclosure)
M. Shupe, HSI GeoTrans
Project Record File FER030.1(A) (thru W. Sumner)
Administrative Records (thru W. Sumner)

cc w/o enclosure: (electronic)
J. Homer, Stoller
F. Johnston, Stoller
L. McHenry, Stoller
T. Pauling, DOE-LM-20.1

On-Site Disposal Facility Inspection Report

December 2007

Stoller
Legacy Management Team

East Face Cell 1

West Face Cell 1

North Face Cell 1

North Drainage (looking west)

East Face Cell 2

West Face Cell 2

East Face Cell 3

West Face Cell 3

East Face Cell 4

West Face Cell 4

East Face Cell 5

West Face Cell 5

East Face Cell 6

West Face Cell 6

East Face Cell 7

West Face Cell 7

East Face Cell 8

West Face Cell 8

South Face Cell 8

South Drainage (looking west)

East Drainage Cell 7 (looking south)

East Drainage Cell 4 (looking south)

East Drainage Cell 1 (looking south)

West Inner Drainage Cell 7 (looking south)

West Inner Drainage Cell 4 (looking south)

West Inner Drainage Cell 1 (looking south)

West Outer Drainage Cell 1 (looking south)

West Outer Drainage Cell 8 (looking north)

West Outer Drainage Cell 8 (looking south)

OSDF December 2007 Inspection

Continued Observation Photos

6319-D5462.JPG

6319-D5463.JPG

6319-D5464.JPG

6319-D5465.JPG

OSDF December 2007 Inspection

Continued Observation Photos

6319-D5466.JPG

6319-D5467.JPG

6319-D5468.JPG

6319-D5469.JPG