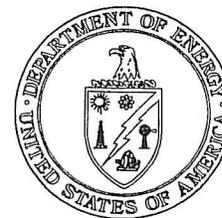




## Department of Energy

Ohio Field Office  
 Fernald Closure Project  
 175 Tri-County Parkway  
 Springdale, Ohio 45246



DEC - 7 2006

Mr. James A. Saric, Remedial Project Manager  
 United States Environmental Protection Agency  
 Region V-SRF-5J  
 77 West Jackson Boulevard  
 Chicago, Illinois 60604-3590

DOE-0087-07

Mr. Thomas Schneider, Project Manager  
 Ohio Environmental Protection Agency  
 Southwest District Office  
 401 East Fifth Street  
 Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

**TRANSMITTAL OF THE RESPONSES TO THE U.S. ENVIRONMENTAL  
 PROTECTION AGENCY COMMENTS ON THE TECHNICAL REVIEW COMMENTS  
 ON THE DRAFT CERTIFICATION REPORT FOR SELECTED CONCRETE  
 STRUCTURES IN THE SILOS 1 AND 2 PROJECT AREA**

- References:
- 1) Letter DOE-0048-07, J. Reising to J. Saric/T. Schneider, "Transmittal of the Draft Certification Report for Selected Concrete Structures in the Silos 1 and 2 Project Area," dated November 3, 2006
  - 2) Letter, J. Saric to J. Reising, "Concrete Structures in Silos 1 and 2 Area Certification Report," dated November 29, 2006

Enclosed for your review and approval are the responses to the U.S. Environmental Protection Agency (EPA) comments on the draft Certification Report for Selected Concrete Structures in the Silos 1 and 2 Project Area.

If you have any questions or require additional information, please contact me at (513) 648-3139.

Sincerely,

Johnny W. Reising  
 Director

Enclosure

Mr. James Saric  
Mr. Thomas Schneider

-2-

DOE-0087-07

cc w/enclosure:

J. Desormeau, DOE-OH/FCP  
T. Schneider, OEPA-Dayton (three copies of enclosure)  
G. Jablonowski, USEPA-V, SRF-5J  
M. Cullerton, Tetra Tech  
M. Shupe, HSI GeoTrans  
S. Helmer, ODH  
AR Coordinator, Fluor Fernald, Inc./MS12

cc w/o enclosure:

J. Chiou, Fluor Fernald, Inc./MS1  
F. Johnston, Fluor Fernald, Inc./MS12  
P. Mohr, Fluor Fernald, Inc./MS1  
T. Terry, Fluor Fernald, Inc./MS1

**RESPONSES TO  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
TECHNICAL REVIEW COMMENTS ON THE  
DRAFT CERTIFICATION REPORT FOR  
SELECTED CONCRETE STRUCTURES  
IN THE SILOS 1 AND 2 PROJECT AREA**

**FERNALD CLOSURE PROJECT  
FERNALD, OHIO**

**DECEMBER 2006**

**U.S. DEPARTMENT OF ENERGY**

**RESPONSES TO U.S. ENVIRONMENTAL PROTECTION AGENCY  
TECHNICAL REVIEW COMMENTS ON THE DRAFT CERTIFICATION REPORT FOR  
SELECTED CONCRETE STRUCTURES IN THE SILOS 1 AND 2 PROJECT AREA  
(20500-RP-0004 Revision A)**

**SPECIFIC COMMENTS**

Commenting Organization: U.S. EPA  
Section #: 2.2.2  
Original Specific Comment #: 1

Commenter: Saric  
Line #: 20

Pg #: 2-4

Comment: The text states that nine sumps are located in the Remediation Facility - Former Waste Process Area (CU A7C-RF-C04). However, Table 2-3 and Figure 2-2 indicate that there are 10 sumps located in this area. The text should be revised to resolve this discrepancy.

Response: Agree. The text in Section 2.2.2 will be revised to state "ten sumps".

Action: As noted above.

Commenting Organization: U.S. EPA  
Appendix #: B  
Original Specific Comment #: 2

Commenter: Saric  
Line #: NA

Pg #: Not Applicable (NA)

Comment: The data presented in the table for A7C-RF-C03 indicates that radium-226 in sample A7C-RF-C03-24BA (3.04 picoCuries per gram [pCi/g]) exceeded the final remediation level (FRL) of 1.7 pCi/g and no statistical analysis was performed. The table for A7C-RF-C03 in Appendix B should be revised to include a statistical analysis for radium-226.

Response: Agree. The table was revised to include the results of the statistical analysis for A7C-RF-C03.

Action: The statistical analysis was performed and is included in the final certification report. The certification unit passed the statistical criteria for certification.

Commenting Organization:  
Appendix #: B  
Original Specific Comment #: 3

Commenter: Saric  
Line #: NA

Pg #: NA

Comment: Appendix B contains two tables for A7C-RF-C03. However, the second table for A7C-RF-C03 contains data for A7C-RF-C04. The second table for A7C-RF-C03 should be deleted from Appendix B.

Response: The title for table presenting A7C-RF-C04 certification results was incorrect.

Action: The title will be revised to read "A7C-RF-C04".

Commenting Organization:  
Appendix #: B  
Original Specific Comment #: 4

Commenter: Saric  
Line #: NA

Pg #: NA

Comment: The data presented in the table for A7C-RF-C04 indicates that radium-226 in sample A7C-RF-C03-22B (2.901 pCi/g) exceeded the FRL of 1.7 pCi/g and no statistical analysis was performed. The table for A7C-RF-C03 in Appendix B should be revised to include a statistical analysis for radium-226.

Response: Agree. The table was revised to include the results of the statistical analysis for A7C-RF-C04.

Action: The statistical analysis was performed and is included in the final certification report. The certification unit passed the statistical criteria for certification.