



## Department of Energy

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



NOV 9 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-0056-07

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 RESPONSES TO U.S. ENVIRONMENTAL PROTECTION AGENCY COMMENTS ON ADDENDUM 4 TO THE CERTIFICATION REPORT FOR AREA 1, PHASE II FOR CERTIFICATION OF THE DISSOLVED OXYGEN FACILITY**

- References:
- 1) "Certification Report for Area 1, Phase II," Document 20710-RP-0016, dated September 2000
  - 2) Letter DOE-0017-07, J. Reising to J. Saric/T. Schneider, "Transmittal of Addendum 4 to the Certification Report for Area 1, Phase II," dated October 19, 2006
  - 3) Letter, J. Saric to J. Reising, "Addendum 4 to the A1,P2 Certification Report," dated October 30, 2006

Enclosed for your approval are responses to U.S. Environmental Protection Agency comments on Addendum 4 to the Certification Report for Area 1, Phase II. This addendum includes coverage of the area surrounding the Dissolved Oxygen Facility, as well as an area where a clay pipe was encountered while excavating/relocating the drainage ditch east of the On-Site Disposal Facility Cell 8. Upon approval, these comment responses will be incorporated into the revised addendum.

Mr. James Saric  
Mr. Thomas Schneider

-2-

DOE-0056-07

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

Sincerely,



Johnny W. Reising  
Director

Enclosure

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./MS6

cc w/o enclosure:

J. Chiou, Fluor Fernald, Inc./MS88  
F. Johnston, Fluor Fernald, Inc./MS12  
C. Murphy, Fluor Fernald, Inc./MS1  
T. Terry, Fluor Fernald, Inc./MS1

**RESPONSES TO THE  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
TECHNICAL REVIEW COMMENTS ON ADDENDUM 4  
TO THE CERTIFICATION REPORT FOR AREA 1, PHASE II**

**FERNALD CLOSURE PROJECT  
FERNALD, OHIO**

**NOVEMBER 2006**

**U.S. DEPARTMENT OF ENERGY**

**RESPONSES TO THE U.S. ENVIRONMENTAL PROTECTION AGENCY  
TECHNICAL REVIEW COMMENTS ON ADDENDUM 4 TO THE  
CERTIFICATION REPORT FOR AREA 1, PHASE II  
(FOR CERTIFICATION OF DISSOLVED OXYGEN FACILITY)  
(20710-RP-0016, ADDENDUM 4)**

**SPECIFIC COMMENTS**

Commenting Organization: U.S. EPA

Commentor: Saric

Section #: 5.1.1

Page #: 5-1

Line #: Not Applicable (NA)

Original Specific Comment #: 1

Comment: The text states all initial results were below final remediation levels (FRLs) except for four above-FRL arsenic results. However, data presented in Table 5-2 indicates that radium-226 exceeded the FRL of 1.7 picoCuries per gram (pCi/g) in sample A1P2-DO-09 (1.73 pCi/g), which is located south of the Dissolved Oxygen Building. Also, the text states that certification data for the Dissolved Oxygen Building is presented in Table 5-1 when it is actually presented in Table 5-2. The text and tables should be revised accordingly.

Response: Agree. Tables 5-1 and 5-2 were numbered incorrectly. The tables should be numbered as the text states in Section 5.1.1.

Action: The table numbers will be corrected to correspond with the text in Section 5.1.1. The text in Section 5.1.1 will also be corrected to include the above-FRL radium-226 and statistical analysis, which demonstrates passing conditions, will be presented for radium-226 in Table 5-1.

Commenting Organization: U.S. EPA

Commentor: Saric

Section #: 5.1.2

Page #: 5-1

Line #: NA

Original Specific Comment #: 2

Comment: The text states that certification data for the two samples within Certification Unit (CU) A1P2-S3DP-02 is presented in Table 5-2. However, the certification data is actually presented in Table 5-1. The text and tables should be revised accordingly.

Response: Agree.

Action: See Response to Comment #1.

Commenting Organization: U.S. EPA

Commentor: Saric

Table #: 5.2

Page #: NA

Line #: NA

Original Specific Comment #: 3

Comment: Data presented in Table 5-2 indicates that radium-226 exceeded the FRL of 1.7 pCi/g in sample A1P2-DO-09 (1.73 pCi/g), which is located south of the Dissolved Oxygen Building. Table 5-2 should be revised to provide a statistical analysis of the radium-226 data.

Response: Agree.

Action: See Response to Comment #1.