



Department of Energy

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MAY 08 2000

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

DOE-0657-00

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF THE DRAFT CERTIFICATION REPORT FOR AREA 1, PHASE II

Enclosed for your review and comment is the draft Certification Report for Area 1, Phase II (A1PII). This report is intended to be the summary report for all the A1PII subareas as requested by the U.S. Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (OEPA). Included in this report is a summary of the previously completed certification activities in A1PII and presentation of certification results for the remaining Certification Units (CU) as identified in the A1PII Certified for Reuse Areas, Trap Range, Sector 2C, and Sector 3 Certification Design Letter (CDL) and the A1PII Utility Trenches CDL.

Currently, all CUs have passed certification except for two (A1P2-S1TR-01 and A1P2-S1TR-03) due to lead and/or arsenic concentrations. These two contiguous CUs are located in the former Trap Range area. Necessary remedial actions will be conducted within a 0.4-acre portion of these two CUs. Remedial actions will include remobilizing the Trap Range stabilization contractor to stabilize an additional 5 to 10 cubic yards of surface soil around certification sample point A1P2-S1TR-01-09 that failed the Toxicity Characteristic Leachate Procedure (TCLP) for lead. It is important to note that subsequent confirmation samples collected at this location, at 0 to 6-inch, 6 to 12-inch and 12 to 18-inch depths, all showed below-Final Remediation Level (FRL) conditions. However, lead shot on the ground surface can be seen around this sampling location. Therefore, the elevated lead concentration is believed to be caused by the lead shot. The entire excavated area was visually inspected and additional lead shot was also found collecting in nearby erosion rills. This lead shot and underlying soil was removed (approximately

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0.25 cubic yards) and relocated to the 15-foot by 30-foot area around the A1P2-S1TR-01-09 location to also be stabilized. Upon verification that the stabilized material has passed TCLP, the present excavation contractor will excavate a 0.4-acre area at a 6-inch depth (e.g., 323 cubic yards), that includes the stabilized lead soil and other soil with elevated arsenic concentrations. This work will be completed by September 30, 2000. The excavated soil will be disposed of in the On-Site Disposal Facility (OSDF). Sampling results from the area within the two CUs, but outside this 0.4-acre excavation area, pass certification requirements and the area is considered certified. After treatment and excavation, this deeper 6-inch excavation area will become a new CU and will be recertified. Upon completion of the above recertification effort, the present certification report will be revised with the results of certification of this new CU.

If you have any questions or require additional information, please contact Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:R.J. Janke

Enclosure

Mr. James A. Saric
Mr. Tom Schneider

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cc w/enclosure:

R. J. Janke, OH/FEMP
G. Jablonowski, USEPA-V, SRF-5J
T. Schneider, OEPA-Dayton (three copies of enclosure)
F. Bell, ATSDR
F. Hodge, Tetra Tech
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH

AR Coordinator, Fluor Fernald, Inc./78

cc w/o enclosure:

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