



Department of Energy

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MAR 30 1999

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-0594-99

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 DOCUMENTS FOR AREA 1, PHASE II

Please find enclosed the following Area 1, Phase II (A1PII) soil remediation project documents:

- Revised design documents for Sewage Treatment Plant (STP) Excavation (Revision 1)
- Draft A1PII Excavation Monitoring and Precertification Project Specific Plan (PSP)

The design documents consist of revised Certified-for-Construction (CFC) construction drawings and technical specifications for the STP Excavation (Revision 1). Revision 0 documents were issued on October 7, 1998. This revision incorporates the 27 Design Change Notices (DCN) that have been written on the Revision 0 design package. These 27 DCNs were prepared in response to regulatory comments, the alternate proposal by the prospective contractor, additional analytical information, and current conditions at Fernald Environmental Management Project (FEMP).

The draft A1PII Excavation Monitoring and Precertification PSP describes the methods and procedures that will be used to monitor A1PII excavation activities.

STP Excavation activities will be performed in accordance with these documents. The information contained in these documents has been discussed with the U.S. Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (OEPA).

Mr. James A. Saric
Mr. Tom Schneider

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Also, as described in the A1P11 Supplemental Characterization Package and associated responses to comments, additional predesign sampling and analysis were, and are being, performed in the STP area for:

- Vertical delineation of above-Waste Acceptance Criteria (WAC) technetium-99 areas
- WAC determination of pipe bedding material

Samples have been collected at depth and analyzed to vertically bound the limits of above-WAC technetium-99 material in the two rectangular areas on the north side of the STP. Preliminary analytical results confirm that technetium-99 is not present at depth (below six inches) and removing six inches of surface soil will remove the above-WAC material. Also, samples of pipe bedding material have been collected both inside (five samples) and outside (six samples) the STP area. Direct radiological scanning of this material in the field did not detect radiological contamination above background; these samples are currently being analyzed in the lab. A report presenting the results of this sampling will be presented to you in the near future when analytical results are complete.

If you have any questions concerning this request, please contact Mr. Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:R.J. Janke

Enclosures

Mr. James A. Saric
Mr. Tom Schneider

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cc w/enclosures:

G. Jablonowski, USEPA-V, SRF-5J
R. Beaumier, TPSS/DERR, OEPA-Columbus
T. Schneider, OEPA-Dayton (three copies of enclosure)
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
F. Barker, Tetra Tech
AR Coordinator, FDF/78

cc w/o enclosures:

N. Hallein, EM-42/CLOV
D. Carr, FDF/52-2
J. Chiou, FDF/52-0
T. Crawford, FDF/52-0
T. Hagen, FDF/65-2
J. Harmon, FDF/90
R. Heck, FDF/2
S. Hinnefeld, FDF/31
T. Klimek, FDF/52-0
D. Russell, FDF/52
T. Walsh, FDF/65-2
ECDC, FDF/52-7