



## Department of Energy

Ohio Field Office  
Fernald Area Office  
P. O. Box 538705  
Cincinnati, Ohio 45253-8705  
(513) 648-3155



DEC 21 1998

1967

005

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-0278-99

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

Dear Mr. Saric and Mr. Schneider:

### TRANSMITTAL OF DOCUMENTS FOR AREA 1, PHASE II

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

- Response to Comments (RTC) Documents
- A1PII Supplemental Characterization Package
- Certified for Construction (CFC) design documents (Rev. 0) for Sewage Treatment Plant (STP) Excavation
- Summary of Design Change Notices (DCN)

The RTC documents address 12 U.S. Environmental Protection Agency (U.S. EPA) and 76 Ohio Environmental Protection Agency (OEPA) comments to the Draft (Revision D, September 1998) Integrated Remedial Design Package (IRDP) for A1PII. As described in the RTCs, many of the comments are addressed in the A1PII Supplemental Characterization Package.

The general content of the A1PII Supplemental Characterization Package was reviewed with the regulatory agencies on during a December 15, 1998, meeting at the Fernald Environmental Management Project (FEMP). It addresses most of the major issues raised by the U.S. EPA and OEPA in their comments on the A1PII IRDP. There are two

1

DEC 21 1998

Mr. James A. Saric  
Mr. Tom Schneider

-2-

1967

enclosures to the Supplemental Characterization Package. Enclosure 1 is a white paper on "Characterization and Disposition of Digester Sludge and Associated Debris in the Sewage Treatment Plant Area." This white paper presents analytical data and the rationale for disposal of these materials. Enclosure 2 consists of figures (maps) that present analytical data, modeling results, and excavation limits for the various contaminants and remediation approaches in A1P11.

The CFC design documents consist of Revision 0 construction drawings and technical specifications for the STP Excavation. Revision 0A was previously submitted with the draft IRDP. These documents will be further updated and reissued as Revision 1 in early 1999 to incorporate DCNs generated as a result of changes presented in the A1P11 Supplemental Characterization Package.

The Summary of DCNs lists completed draft, and planned DCNs for the STP Excavation design package.

Also, as requested by OEPA, the data from Figure 1-1 will be forwarded electronically.

If you have any questions or concerns regarding this approach, please contact Robert Janke at (513) 648-3166.

Sincerely,



Johnny W. Reising  
Fernald Remedial Action  
Project Manager

FEMP:Nickel

Enclosures

2

DEC 21 1998

Mr. James A. Saric  
Mr. Tom Schneider

-3-

1967

cc w/enclosures:

G. Jablonowski, USEPA-V, SRF-5J  
R. Beaumier, TPSS/DERR, OEPA-Columbus  
T. Schneider, OEPA-Dayton (total of 3 copies of enc.)  
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  
A. Tanner, OH/FEMP  
D. Carr, FDF/52-2  
T. Hagen, FDF/65-2  
J. Harmon, FDF/90  
R. Heck, FDF/2  
S. Hinnefeld, FDF/90  
EDC, FDF/52-7

3

1967

DEC 21 1968

Mr. James A. Saric  
Mr. Tom Schneider

-4-

bcc w/enclosure:  
M. Davis, ANL

4

1967

SUMMARY  
OF  
DESIGN CHANGE NOTICES (DCNs)  
FOR  
STP EXCAVATION  
12/18/98

DCN#	SCOPE	STATUS
DCN-001	Clarify that the STP Excavation contractor's responsibility regarding the Trap Range is excavation of soil upon completion of in-situ treatment by others.	Complete
DCN-002	Illustrate excavation of gravel roads (by others) in A1PII project area for use in OSDF.	Complete
DCN-003	Clarify contractor requirements for excavation/certification of underground utilities outside of the STP deep excavation. (Per OEPA comment #5)	Draft
DCN-004	Require the STP Excavation contractor to supply the radiological control point facility trailer. This involves development of a trailer performance specification and trailer installation specification.	Draft
DCN-005	Re-insert excavation and management of agricultural drainage tile into the spec package. (Per USEPA comment #8)	Draft
DCN-006	Specify that the removal of digester sludge will occur before any other excavation begins. (Per USEPA comment #12)	Draft
DCN-007	Add summer seeding into Section 02900. (Per OEPA comment #73)	Draft
DCN-008	Revise spec to allow 10 working days for sampling and analysis below sludge drying beds. (Per OEPA comment #9)	Draft
DCN-009	Revise construction drawings as needed to more clearly delineate limits of above-WAC soil excavation in the STP. (Per USEPA general comment #3)	Planned
DCN-010	Revise FRL excavation limits, including surface stripping, per recent data.	Planned
DCN-011	Revise cross-section drawings to more accurately illustrate the limits of below-grade structure excavations. Ensure that structures are accurately depicted.	Planned
DCN-012	Revise Section 02206 to specify that the topsoil stockpile will receive interim seeding. (Per OEPA comment #69)	Planned

15