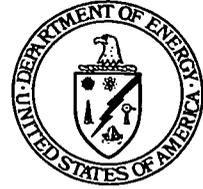




Department of Energy

Ohio Field Office
Fernald Area Office

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



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FEB 12 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-0423-99

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 THE REVISED AREA 1, PHASE II SUPPLEMENTAL CHARACTERIZATION PACKAGE AND COMMENT RESPONSES

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

- Revised A1PII Supplemental Characterization Package
- Response to Comment (RTC) Documents
- Summary of Design Change Notices

The A1PII Supplemental Characterization Package (SCP) was revised (Revision C) based on the U.S. Environmental Protection Agency (U.S. EPA) and Ohio Environmental Protection Agency (OEPA) comments, discussions between Department of Energy (DOE), regulatory agencies and Fluor Daniel Fernald (FDF), and recently developed information. The major changes since the previous revision (Revision B in December 1998) include a revised section on the sludge cake in the sludge drying beds (Section 3), revised and additional information on excavation monitoring (Section 5), and a new section on the overall A1PII certification strategy and schedule (Section 7). Revised and additional figures are presented in Attachment 2 of this SCP. These figures will be placed on the Soil Characterization and Excavation Project (SCEP) web page in the next few days.

FEB 12 1999

Mr. James A. Saric
Mr. Tom Schneider

-2-

The RTC documents address 13 EPA and 22 OEPA comments on the previous version (Revision B) of the A1PII SCP.

The Summary of Document Control Numbers (DCN) lists the 19 DCNs that have been written against the Revision 0 of the STP Excavation design documents. These DCNs are currently being incorporated into a revised set of construction drawings and technical specifications. This revised set of STP Excavation design documents is scheduled to be completed within the next 30 days.

If you have any questions or comments regarding this report, please contact Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:R.J. Janke

Enclosure:

cc w/enclosure:

G. Jablonowski, USEPA-V, SRF-5J
R. Beaumier, TPSS/DERR, OEPA-Columbus
T. Schneider, OEPA-Dayton (3 copies of enclosures)
M. Davis, ANL
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
F. Barker, Tetra Tech
AR Coordinator, FDF/78

cc w/o enclosure:

N. Hallein, EM-42/CLOV
D. Carr, FDF/52-2
J. Chiou, FDF/52-9
T. Hagen, FDF/65-2
J. Harmon, FDF/90
R. Heck, FDF/2
S. Hinnefeld, FDF/90
T. Klimek, FDF/52-0
EDC, FDF/52-7

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**SUMMARY OF DESIGN CHANGE NOTICES (DCNs)
FOR STP EXCAVATION
(as of February 12, 1999)**

FEMP-A1PIL-SCP
20710-PL-0005, Revision C
February 12, 1999

DCN#	TITLE	SCOPE	DATED	STATUS
20712-001	Lead Option Revision	Clarify that the STP Excavation contractor's responsibility regarding the Trap Range is excavation of soil upon completion of in-situ treatment by others.	11/3/98	Complete
20712-002	Access Road Revisions	Illustrate excavation of gravel roads (by others) in A1PIL project area for use in OSDF.	11/3/98	Complete
20712-003	Utility Excavation Trenching/Sampling	Clarify contractor requirements for excavation/certification of underground utilities outside of the STP deep excavation. (Per OEPA comment #5)	11/4/98	Complete
20712-004	Rad Trailer Revisions	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.	11/4/98	Complete
20712-005	Agricultural Drain Tile	Re-insert excavation and management of agricultural drainage tile into the specifications. (Per USEPA specific comment #8)	12/17/98	Complete
20712-006	Sludge Removal Priority	Specify that the removal of digester sludge will occur before any other excavation begins. (Per OEPA comment #12)	12/17/98	Complete
20712-007	Summer Seeding	Add summer seeding to Section 02900. (Per OEPA comment #73)	12/17/98	Complete
20712-008	Sludge Drying Beds Sampling	Revise spec to allow 14 calendar days for sampling and analysis below sludge drying beds. (Per OEPA comment #9)	12/21/98	Complete
20712-009	Above-WAC Excavation Limit	Revise construction drawings as needed to more clearly delineate limits of above-WAC soil excavation in the STP. (Per USEPA general comment #3)	1/12/99	Complete

20712-010	Above-FRL Excavation Limits	Revise above-FRL excavation limits (surface stripping).	1/12/99	Complete
20712-011	Deep Excavation Limits	Revise cross-section drawings to more accurately illustrate the limits of STP deep excavations. Ensure that structures are accurately depicted.	1/12/99	Complete
20712-012	Surface Stripping at CG&E Tower	Provide specifications for excavation of 6" of surface soil in the location of the CG&E tower north of STP. Per OEPA comment.	2/1/99	Complete
20712-013	Elimination of STP Backfill Borrow Area	Delete development of the STP Backfill Borrow Area from the design package. The STP Excavation contractor will use existing OSDF Borrow Area.	2/1/99	Complete
20712-014	Clean OSDF Haul Route	Revise design package to allow the STP Excavation Contractor to haul impacted material from A1PII to the OSDF on a "clean" road without going through the OSDF Equipment Wash Facility.	2/1/99	Draft
20712-015	WAC Attainment Monitoring	Incorporate revised excavation/monitoring requirements for both Above-WAC Tc-99 and Uranium contaminated areas.	2/10/99	Draft
20712-016	Sludge Cake Excavation	Incorporate revised information pertinent to identifying and excavating sludge cake that has been pushed into a sludge drying bed berm.	2/10/99	Draft
20712-017	Trench Backfilling	Show OSDF footprint on appropriate design drawings and provide specification detail for backfilling STP excavations under the OSDF footprint.	2/10/99	Draft
20712-018	Petro Support Area	Revise package to show new location of the OSDF contractor support area and provide appropriate utilities to the area.	2/10/99	Draft
20712-019	Manhole 175 Sediment	Provide revised approach to managing above-WAC Tc-99 sediment located in the bottom of MH-175. Sediment is to be removed and sent to SP-7 while MH goes to OSDF.	2/11/99	Draft

51