



Department of Energy

**Ohio Field Office
Fernald Area Office**

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JUN 09 1993

Mr. Gene Jablonowski, Remedial Project Manager
U.S. Environmental Protection Agency
Region V, SRF-5J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0828-99

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

Dear Mr. Jablonowski and Mr. Schneider:

TRANSMITTAL OF SILOS 1 AND 2 FINAL PROOF OF PRINCIPLE TESTING REPORTS

The purpose of this letter is to transmit two copies each of the four Final Silos 1 and 2 Proof of Principle (POP) Testing Reports for your review.

The objective of the POP Testing was to perform rigorous testing of proven and commercially available remediation technologies in order to evaluate their potential use for treatment of the Silos 1 and 2 material. The testing was performed using nonradioactive surrogates, which simulated characteristics of the Silos 1 and 2 material. The results of the testing conducted by the four POP contractors are documented in the Final Reports. Furthermore, each Final Report contains the contractors proposed pre-conceptual design of the full-scale process for treatment of the Silos 1 and 2 materials. The design information provided in these reports is based on the contractor's experience and knowledge gained through the POP testing, previous experience, and/or commercial application. This design information was then used by the contractors to generate technology-specific cost and schedule data for constructing and operating each process.

The technical and cost information provided by the contractors in these reports is currently being reviewed by your agencies, the Department of Energy, Fernald Environmental Management Project (DOE-FEMP), Fluor Daniel Fernald, Inc. (FDF), Critical Analysis Team, DOE Independent Review Team, and the public. The feedback resulting from these reviews will be incorporated in the revised Operable Unit 4 (OU4) Feasibility Study.

Mr. Gene Jablonowski
Mr. Tom Schneider

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To ensure your feedback regarding these reports is incorporated early on in the development of the revised Feasibility Study, please provide your written comments by July 9, 1999.

If you have any questions relative to the Final Reports, please contact Dave Yockman at (513) 648-3141.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Yockman

Enclosures:

cc w/enclosures:

J. Saric, USEPA-V, SRF-5J
K. Kaletsky, OEPA-Dayton
F. Barker, Tetra Tech
S. Pastor, Tetra Tech
AR Coordinator, FDF/78 ?

cc w/o enclosures:

S. Fauver, EM-42/CLOV
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T. Walsh, FDF/65-2
ECDC, FDF/52-7