



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

PERKALD  
LOO K-1899

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FILE: 6446.3

REPLY TO THE ATTENTION OF:

SRF-5J

JUL 01 1997

Mr. Johnny W. Reising  
United States Department of Energy  
Feed Materials Production Center  
P.O. Box 398705  
Cincinnati, Ohio 45239-8705

RE: Geotechnical Sampling  
of Former Plant Area

Dear Mr. Reising:

The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) geotechnical sampling and testing plan of the former plant area.

The document describes the geotechnical sampling and testing plan formulated for obtaining ten additional subsurface geotechnical data points at the former plant area.

U.S. EPA has identified several deficiencies in the document. U.S. DOE's modeling efforts to determine the extent of the excavation area focus on coarse-grained materials and do not consider clay and fine-grained materials. Also no calibration information is provided for The model. U.S. DOE indicates that some coarse-grained materials will be left in place, however, the modeling does not evaluate whether these materials will serve as a conduit for contaminant migration. Finally, there is no rationale provided for the selection of analytical parameters to be used for geotechnical sampling.

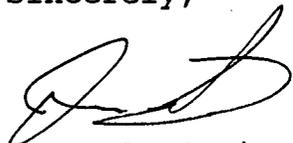
Therefore, U.S. EPA disapproves the geotechnical sampling and testing plan for the former plant area pending incorporation of adequate responses to the attached comments. U.S. DOE must submit responses to comments and a revised document within thirty (30) days receipt of this letter.

*(j.w.ke(rj))  
partial  
action response  
to DOE-0975-97  
(10575)*

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Please contact me at (312) 886-0992 if you have any questions regarding this matter.

Sincerely,



James A. Saric  
Remedial Project Manager  
Federal Facilities Section  
SFD Remedial Response Branch #2

Enclosure

cc: Tom Schneider, OEPA-SWDO  
Bill Murphie, U.S. DOE-HDQ  
John Bradburne, FERMCO  
Charles Little, FERMCO  
Terry Hagen, FERMCO  
Tom Walsh, FERMCO





