



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 FERNALD
 77 WEST JACKSON BOULEVARD
 CHICAGO, IL 60604-3590 -06 E-0328

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FILE: 6446.3F1
 REPLY TO THE ATTENTION OF:

SRF-6J

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

RE: Improved Geosynthetic Clay
 Liner in OSDF

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) December 4, 2003, letter proposing to use an improved geosynthetic clay liner in the On-Site Disposal Facility (OSDF). This new material does not require the placement of additional bentonite granules on the lengthwise overlap areas.

This improved liner appears adequate and complies with the original OSDF design specifications. Therefore, U.S. EPA approves the use of the improved geosynthetic clay liner in the OSDF.

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

cc: Tom Schneider, OEPA-SWDO
 Sally Robison, U.S. DOE-HDQ
 Jamie Jameson, Fluor Fernald
 Terry Hagen, Fluor Fernald
 Tim Poff, Fluor Fernald