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OSDF LEACHATE/LINER COMPATABILITY STUDY

09/26/96

USEPA
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APPROVAL

DOE-FN



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

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J-3032

SEP 27 11 01 AM '96

FILE: 6446.3

REPLY TO THE ATTENTION OF:

SRF-5J

SEP 26 1996

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

RE: OSDF Leachate/Liner
Compatibility Study

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) draft final leachate/liner compatibility study for the On-Site Disposal Facility (OSDF).

The study presents the results of the evaluation of leachate compatibility with the high-density polyethylene geomembrane materials for use as the liner and cover in the OSDF.

The study conforms with generally accepted engineering practices and concludes the geomembranes proposed for use at the OSDF exhibit a high degree of compatibility with the test leachate.

Therefore, U.S. EPA approves the study.

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
Jack Baublitz, U.S. DOE-HDQ
John Bradburne, FERMCO
Charles Little, FERMCO
Terry Hagen, FERMCO
Tom Walsh, FERMCO

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response to
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