



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

PERNAED _____

100 A-01010

APR 6 9 42 AM '00 - 2900

FILE: 6446.3
REPLY TO THE ATTENTION OF: _____

APR 05 2000

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

SRF-5J

RE: OSDF Enhanced Permanent Leachate
Transmission System RTC

Dear Mr. Reising:

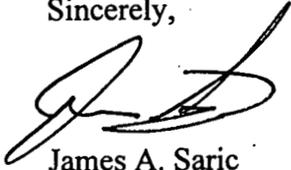
The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) Response to Comments (RTC) on the enhanced permanent Leachate Transmission System (LTS) 90% design package for the On-Site Disposal Facility (OSDF). The design package consists of drawings, specifications and calculations for the enhanced permanent LTS to be installed by the end of calendar year 2000.

U.S. EPA finds that the LTS generally conforms to standard engineering practice, and U.S. EPA's comments have been adequately addressed. However, U.S. EPA still recommends that since the LTS is designed to be operated for more than 100 years, automated operation systems are most appropriate. This would prevent flooding in the valve houses and make the system more reliable once the OSDF is closed.

Therefore, U.S. EPA approves the LTS design package, but recommends U.S. DOE reconsider its use of extensive future labor efforts for operating the LTS, when an automated system may be more appropriate.

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
Bill Murphie, U.S. DOE-HQ
John Bradburne, Fluor Fernald
Terry Hagen, Fluor Fernald
Tim Poff, Fluor Fernald