



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

FERNALD \_\_\_\_\_  
LOG D-0990

2003 MAY 15 P 1:46

REPLY TO THE ATTENTION OF: 6446.3f

MAY 14 2003

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

SRF-5J

RE: Revised Final Design Criteria  
Package OSDF Phase V RTC

Dear Mr. Reising:

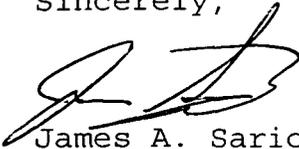
The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) Response to Comments (RTC) on the revised final design criteria package for the On-Site Disposal Facility (OSDF) Phase V.

The RTC have adequately addressed U.S. EPA's previous comments with one exception. Original Specific Comment 41 recommends that consideration be given regarding the settlement of the Enhanced Permanent Leachate Transmission System (EPLTS) gravity line with a 0.25 slope. Previous OSDF landfill cells have had problems with construction of the EPLTS, causing leachate to back up into the landfill. Although the previous EPLTS has been constructed in accordance with a U.S. EPA approved design, the text should discuss how U.S. DOE will assure proper construction of the Phase V EPLTS and prevent excessive settlement.

Therefore, U.S. EPA approves the RTC on the revised final design criteria package for the On-Site Disposal Facility (OSDF) Phase V. U.S. DOE must submit a revised design document incorporating the revised responses to U.S. EPA within (30) thirty days receipt of this letter.

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-HQ  
Jamie Jameson, Fluor Fernald  
Terry Hagen, Fluor Fernald  
Tim Poff, Fluor Fernald