



Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802
MAR 01 1999

Richard Weller
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852-2738

Dear Mr. Weller:

SUBJECT: Melt and Dilute Technology Process Document Review

As discussed in the telephone conversation with Ms. Jean Ridley of my staff, it was agreed that the Department of Energy would send you four additional documents to include in your review of the melt and dilute technology process. They are:

1. Disposability Assessment (available)
2. Dissolution Testing (available)
3. Creep Analysis (available)
4. Technical Bases for Functional Performance Requirements (available)

It is our understanding that this review should be completed sometime this summer within the current funding level of the Interagency Agreement. Please notify this office immediately if there is a financial concern.

If you have any questions please contact Randy Ponik of my staff at (803) 557-3263.

Sincerely,

A handwritten signature in black ink, appearing to read "Sandra L. Johnson".

Sandra L. Johnson, Director
Spent Fuel Management Division

UE-99-0047

- 4 Attachments
- 1) Creep Analysis
 - 2) Disposability Assessment
 - 3) Preliminary Report on the Dissolution Rate and Degradation of AI SNF in Repository Environments
 - 4) Bases for Functional Performance Requirements for a SNF Treatment and Storage Facility

cc w/attachments:
N. Sridhar, CNWRA