

April 7, 1999

Dr. Narasi Sridhar, Manager
Center for Nuclear Waste Regulatory Analyses
Southwest Research Institute
6220 Culebra Road, Building 189
San Antonio, Texas 78238-5166

SUBJECT: ACCEPTANCE OF SRSASF INTERMEDIATE MILESTONE 20-1407-001-905:
REVIEW OF CRITICALITY EVALUATION OF DIRECT CO-DISPOSAL AND
MELT-DILUTE FUELS; NRC CONTRACT NO. NRC-02-97-009

Reference: Letter of March 25, 1999, from N. Sridhar of Center for Nuclear Waste Regulatory
Analysis to R. A. Weller of NRC, Transmitting the IM Deliverable

Dear Dr. Sridhar:

The revised subject report on "Evaluation of the U.S. Department of Energy Aluminum-Based
Spent Fuel Criticality Analysis," submitted as a deliverable for Intermediate Milestone (IM) 20-
1407-001-905, has been reviewed. The revised report adequately incorporates my comments
transmitted to you by my letters of December 10, 1998, and January 12, 1999. This report
fulfills the requirements set forth in the FY1999 Operations Plan for Technical Assistance on
Department of Energy Aluminum Based Spent Nuclear Fuels Disposition Program. It is found
to be acceptable and can be placed in the PDR.

Please contact me at (301) 415-6177, if you have any questions regarding this matter.

Sincerely,

[Original signed by:]

Charles A. Greene
Program Element Manager
Projects and Engineering Section
High-Level Waste and Performance
Assessment Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

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