November 5, 2009

Mr. Jeffrey R. Williams, Manager
Licensing Support
US Department of Energy
Office of Civilian Radioactive
Waste Management, RW-6
1000 Independence Avenue, SW
Washington, DC 20585

SUBJECT: YUCCA MOUNTAIN - REQUEST FOR ADDITIONAL INFORMATION- SAFETY EVALUATION REPORT, VOLUME 3—POSTCLOSURE CHAPTER 2.2.1.3.2, MECHANICAL DISRUPTION OF ENGINEERED BARRIERS, 2ND SET - (DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 2.3.4)

Dear Mr. Williams:

By application dated June 3, 2008, the U.S. Department of Energy (DOE) requested the U.S. Nuclear Regulatory Commission (NRC) approval of a construction authorization.

NRC staff has reviewed the information provided in your submittal and determined that additional information is required in order to complete its review. Questions in the enclosed request for additional information (RAI) were e-mailed on October 26, 2009, and discussed in a telephone call with Ms. Corinne Macaluso, et al., of your staff on November 2, 2009. This is RAI Set 2 of Safety Evaluation Report Chapter 2.2.1.3.2, Mechanical Disruption of Engineered Barriers. NRC requests that DOE respond to these RAIs by November 30, 2009.

NRC staff considers that timely responses to RAIs help ensure sufficient time is available for staff review to meet its 10 CFR Part 2 schedule requirements and contribute toward the NRC's goal of efficient and effective use of staff resources. If circumstances result in the need to revise the requested response date, please contact me at (301) 492-3180.

Sincerely,

/RA/

John H. (Jack) Sulima, Project Manager
Project Management Branch Section B
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety and Safeguards

Docket No. 63-001

Enclosure: Request for Additional Information

cc: See enclosed list

Letter to J. Williams from J. Sulima dated: November 5, 2009
cc:

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