

January 22, 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 RE:  
LICENSE APPLICATION (SAFETY ANALYSIS REPORT SECTION 2.2, TABLE  
2.2-5)

Dear Mr. Williams:

By application dated June 3, 2008, the U.S. Department of Energy (DOE) requested the U.S. Nuclear Regulatory Commission (NRC) staff 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 January 9, 2009, and discussed in a telephone call with Ms. Corinne Macaluso, et al., of your staff on January 21, 2009. This RAI is Set 2 of Safety Evaluation Report Chapter 2.2.1.2.1 (Scenario Analysis). During the discussion, DOE agreed to provide responses to these RAIs by February 23, 2009 and NRC agreed to make a word change in RAI No. 12 and add a clarifying phrase to RAI No. 16.

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: January 22, 2009

cc:

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Sincerely,

John H. (Jack) Sulima, Project Manager  
Project Management Branch Section B  
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