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YUCCA MOUNTAIN – SUPPLEMENTAL RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION RE: LICENSE APPLICATION (SAFETY ANALYSIS REPORT SECTION 2.1), SAFETY EVALUATION REPORT VOLUME 3 -POSTCLOSURE CHAPTER 2.2.1.1 - SYSTEM DESCRIPTION AND DEMONSTRATION OF MULTIPLE BARRIERS, SET 1

Reference 1: Ltr, Sulima to Williams, dated 12/22/2008, "Yucca Mountain – Request for Additional Information Re: License Application (Safety Analysis Report Section 2.1)"

Reference 2: Ltr, Williams to Sulima, dated 2/6/2009, "Yucca Mountain – Request for Additional Information Re: License Application (Safety Analysis Report Section 2.1), Safety Evaluation Report Volume 3 -Postclosure Chapter 2.2.1.1 -System Description and Demonstration of Multiple Barriers, Set 1"

The purpose of this letter is to transmit the U.S. Department of Energy's (DOE) supplemental response to Requests for Additional Information (RAI) Number 1 identified in reference 1 above, regarding DOE's License Application Section 2.1. The original response to this RAI was provided by reference 2 above. The Nuclear Regulatory Commission's (NRC) request corresponds to NRC's Safety Evaluation Report, Volume 3, Chapter 2.2.1.1, System Description and Demonstration of Multiple Barriers. The supplemental RAI response is provided as an enclosure to this letter. The response was developed based on our understanding of the technical areas requiring further clarification, as discussed in the March 26, 2009 teleconference. The DOE reference cited in the RAI response has previously been provided with the License Application (LA) and the LA update.

There are no commitments in the enclosed RAI response. If you have any questions regarding this letter, please contact me at (202) 586-9620, or by email to jeff.williams@rw.doe.gov.

Jeffrey R. Williams, Supervisor
Licensing Interactions Branch
Regulatory Affairs Division
Office of Technical Management

OTM: CJM-0645

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Enclosure:
Supplemental Response to Request for Additional Information
Volume 3, Chapter 2.2.1.1, Set 1, Number 1

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