



## Department of Energy

Washington, DC 20585

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**ATTN: Document Control Desk**

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YUCCA MOUNTAIN – SUPPLEMENTAL RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION - VOLUME 2, CHAPTER 2.1.1.1, FIRST SET (DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTIONS 1.1.10, 1.2.2, 1.1.5.2 and 1.1.5.3) – Site Description

Reference 1: Ltr, Jacobs to Williams, dated 12/4/08, "Yucca Mountain - Request for Additional Information - Volume 2, Chapter 2.1.1.1, First Set (Department of Energy's: Safety Analysis Report Sections 1.1.10, 1.2.2, 1.1.5.2 and 1.1.5.3)"

Reference 2: Ltr, Williams to Jacobs, dated 1/12/09, "Yucca Mountain – Request for Additional Information – Volume 2, Chapter 2.1.1.1, First Set (Department of Energy's Safety Analysis Report Sections 1.1.10, 1.2.2, 1.1.5.2 and 1.1.5.3) – Site Description

The purpose of this letter is to transmit the U.S. Department of Energy's (DOE) supplemental responses to RAI numbers 1, 2, 4, and 8 identified in reference 1 above, regarding DOE's LA Sections 1.1.10, 1.2.2, 1.1.5.2, and 1.1.5.3. The original DOE responses to these RAIs were provided by reference 2 above. The NRC's request corresponds to NRC's Safety Evaluation Report, Volume 2, Chapter 2.1.1.1, Site Description. Each supplemental RAI response is provided as a separate enclosure. These responses were developed based on our understanding of the February 23, 2009 clarification teleconference. Any DOE references cited in the RAI responses that have not been previously provided to the NRC will be provided in a separate transmittal.

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

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

OTM: SAB-0514



Christian Jacobs

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March 9, 2009

Enclosures (4):  
Supplemental Responses to 4 Requests for Additional Information  
Numbers Volume 2, Chapter 2.1.1.1-1, 2, 4, and 8, First Set

cc w/encls:

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