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Washington, DC 20585

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YUCCA MOUNTAIN - REQUEST FOR ADDITIONAL INFORMATION - VOLUME 2, CHAPTER 2.1.1.4, SETS 7, 8, AND 9 (U.S. DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 1.7) – Identification of Event Sequences

Reference: Ltr, Jacobs to Williams, dtd 06/24/09, "Yucca Mountain - Request for Additional Information -Volume 2, Chapter 2.1.1.4, Sets 7, 8, and 9 (U.S. Department of Energy's Safety Analysis Report Section 1.7)"

The purpose of this letter is to transmit three U.S. Department of Energy's (DOE) responses to the Requests for Additional Information (RAI), identified in the above referenced letter. RAI Numbers 4 and 5 from Set 7 and RAI Number 7 from Set 8 are provided as enclosures to this letter. DOE has previously submitted its response to RAI Number 7 from Set 7 on July 7, 2009.

DOE plans to submit the remaining responses to the RAIs for Set 7 on or before September 4, 2009. The remaining responses to RAIs for Set 8 are planned to be submitted no later than September 22, 2009. Responses to RAIs for Set 9 will be submitted by September 9, 2009.

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@rw.doe.gov.

Steven E Gomberg (for)

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

OTM: SEG-0928

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Enclosures (3):
1. Volume 2, Chapter 2.1.1.4, Seventh Set, Number 4
2. Volume 2, Chapter 2.1.1.4, Seventh Set, Number 5
3. Volume 2, Chapter 2.1.1.4, Eighth Set, Number 7

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