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Washington, DC 20585

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YUCCA MOUNTAIN – REQUEST FOR ADDITIONAL INFORMATION –VOLUME 2, CHAPTER 2.1.1.4, SET 8 (DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 1.7) – Identification of Event Sequences

References: Ltr, Jacobs to Williams, dtd 06/24/09, "Yucca Mountain - Request For Additional Information – Volume 2, Chapter 2.1.1.4, Set 7, Set 8 & Set 9 (Department Of Energy's Safety Analysis Report Section 1.7)"

The purpose of this letter is to transmit the U.S. Department of Energy's (DOE) responses to the last two of eight Requests for Additional Information (RAI) from Set 8 identified in the above-referenced letter. The Responses to RAI numbers 4 and 8 are provided in separate enclosures. One DOE document cited in the response to RAI number 8, which has not been provided to the Nuclear Regulatory Commission, is also enclosed.

DOE has previously submitted responses to RAI number 7 on July 29, 2009; RAI numbers 1 and 2 on August 19, 2009; RAI number 3 on August 26, 2009; and RAI numbers 5 and 6 on September 2, 2009. This transmittal completes the DOE responses to all RAIs from Set 8.

There are no commitments in the enclosed 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 Homburg (for)
Jeffrey R. Williams, Supervisor
Licensing Interactions Branch
Regulatory Affairs Division
Office of Technical Management

OTM: SEG-1074

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Enclosures (3):

1. Volume 2, Chapter 2.1.1.4, Eighth Set, Number 4
2. Volume 2, Chapter 2.1.1.4, Eighth Set, Number 8
3. BSC 2007. *Aging Facility General Arrangement Aging Pad 17P Plan*. 170-P10-AP00-00102-000-00C. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20071023.0003.

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<u>EIE Document Components:</u>

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002_Encl_4_8_2.2.1.1.4_Set_8.pdf	2,555 kB
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