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Washington, DC 20585

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ATTN: Document Control Desk
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YUCCA MOUNTAIN – SUPPLEMENTAL RESPONSE – REQUEST FOR ADDITIONAL INFORMATION (RAI) –VOLUME 2, CHAPTER 2.1.1.4, SET 3 (DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 1.7) – Identification of Event Sequences

References:
1. Ltr, Jacobs to Williams, dtd 6/03/09, "Yucca Mountain - Request for Additional Information – Volume 2, Chapter 2.1.1.4, Set 2 and Set 3 (Department of Energy's Safety Analysis Report Section 1.7)"

2. Ltr, Williams to Jacobs dtd 7/07/09, "Yucca Mountain - Request For Additional Information (RAI) –Volume 2, Chapter 2.1.1.4, Set 3 (Department of Energy's Safety Analysis Report Section 1.7)" – Identification of Event Sequences

The purpose of this letter is to transmit the U.S. Department of Energy's (DOE) supplemental response to one (1) Request for Additional Information (RAI). Supplemental RAI number 1 (Question Number 9) is provided as a separate enclosure. The original response to that RAI was provided on July 7, 2009, by Reference 2. DOE expects to submit the remaining supplemental responses on or before December 21, 2009.

Three DOE references cited in the RAI response, which have not been previously provided to the Nuclear Regulatory Commission, are included with this submittal as separate enclosures.

There are no commitments made in the enclosed supplemental 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:SAB-0196

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Enclosures (4):

1. Response to RAI Volume 2, Chapter 2.1.1.4, Set 3, Number 1 Question #9
2. BSC 2008a. *Longevity Reevaluation of Repository Opening Steel Ground Support Components*. 800-K0C-SS00-01100-000-00A. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080527.0001.
3. BSC 2008b. *Input Parameters for Ground Support Design*. 800-K0C-SSD0-00500-000-00A. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080905.0002.
4. BSC 2009. *Evaluation of Repository Ground Support Test Needs*. 800-30R-SS00-00900-000-000. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20090108.0003.

cc w/enclosure:
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EIE Document Components:

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002_Encl_Suppl_2.2.1.1.4_Set_3_Q9.pdf	486 KB
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004_[186532]_800-K0C-SSD0-00500-000-00A.pdf	4,753 KB
005_[186531]_800-K0C-SS00-01100-000-00A.pdf	8,828 KB