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YUCCA MOUNTAIN - REQUEST FOR ADDITIONAL INFORMATION - SAFETY
EVALUATION REPORT, VOLUME 3, CHAPTER 2.2.1.2.1 (SCENARIO ANALYSIS), 6TH SET
(DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 2.2, TABLE 2.2-5)

Reference: Ltr, Sulima to Williams, dtd 10/14/09, "Yucca Mountain – Request for Additional Information – Safety Evaluation Report, Volume 3, Chapter 2.2.1.2.1 (Scenario Analysis), 6th Set (Department of Energy's Safety Analysis Report Section 2.2, Table 2.2-5)"

The purpose of this letter is to transmit the U.S. Department of Energy's (DOE) responses to two (2) of the six (6) Requests for Additional Information (RAI) identified in the above-referenced letter. The RAI responses are provided as enclosures to this letter. DOE submitted the response to RAI Number 3 from this set on November 5, 2009 and plans to submit the remaining RAIs from this set on or before December 9, 2009.

Most of the DOE references cited in the RAI responses have previously been provided with the License Application. DOE references cited in the RAI responses, which have not been previously provided to the Nuclear Regulatory Commission are included with this submittal.

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.

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

OTM:CJM-0107



Enclosures (3):

1. Response to RAI Volume 3, Chapter 2.2.1.2.1, Set 6, Number 4
2. Response to RAI Volume 3, Chapter 2.2.1.2.1, Set 6, Number 5
3. Price, R.H. 1986. *Effects of Sample Size on the Mechanical Behavior of Topopah Spring Tuff*. SAND85-0709. Albuquerque, New Mexico: Sandia National Laboratories.
ACC: NNA.19891106.0125.

cc w/encls:

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EIE Document Components:

Enclosure #	File Name	File Size, KB
N/A	001_NRC_Trans_Ltr_3.2.2.1.2.1_Set_6_No_2.pdf	N/A
Enclosure 1	002_Encl_3.2.2.1.2.1_Set_6_RAI_4.pdf	5,451 KB
Enclosure 2	003_Encl_3.2.2.1.2.1_Set_6_RAI_5.pdf	11,835 KB
Enclosure 3	004_NNA.19891106.0125_SAND85-0709.pdf	7,115 KB