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YUCCA MOUNTAIN - SUPPLEMENTAL RESPONSE TO REQUEST FOR
ADDITIONAL INFORMATION - SAFETY EVALUATION REPORT, VOLUME 3 -
POSTCLOSURE CHAPTER 2.2.1.4.2, SET 1 - DEMONSTRATION OF
COMPLIANCE WITH THE HUMAN INTRUSION STANDARD - (DEPARTMENT
OF ENERGY'S SAFETY ANALYSIS REPORT SECTION 2.4.3)

Reference 1: Ltr, Sulima to Williams, dtd 6/29/2009, "Yucca Mountain – Request for
Additional Information – Safety Evaluation Report, Volume 3 – Set 1 for
Each of the Following Postclosure Chapters 2.2.1.4.1, 2.2.1.4.2, and
2.2.1.4.3"

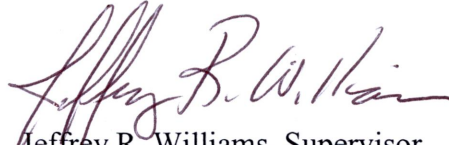
Reference 2: Ltr, Williams to Sulima, dtd 7/29/2009, "Yucca Mountain – Request for
Additional Information – Safety Evaluation Report, Volume 3 – Set 1 for
Each of the Following Postclosure Chapters 2.2.1.4.1, 2.2.1.4.2, and
2.2.1.4.3"

The purpose of this letter is to transmit the U.S. Department of Energy's supplemental response to the Request for Additional Information (RAI) Number 2 from the 1st Set of the RAIs regarding Volume 3, Chapter 2.2.1.4.2, Demonstration of Compliance with the Human Intrusion Standard, identified in reference 1 above. The original response to this RAI was provided by reference 2 above. The supplemental response was developed based on our understanding of the technical areas requiring further clarification, as discussed in a September 24, 2009, public teleconference. During the teleconference, the NRC asked one additional question. The response to this question, along with the transcription of the question as read in the public teleconference, is provided as enclosure to this letter.

All DOE references cited in the supplemental RAI response have previously been provided with the License Application (LA).



There are no commitments 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.

A handwritten signature in dark ink, appearing to read "Jeffrey R. Williams". The signature is fluid and cursive, with the first and last names being more prominent.

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

OTM: CJM-0044

Enclosure:

Supplemental response to RAI Volume 3, Chapter 2.2.1.4.2, Set 1, Number 2

cc w/encl:

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