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YUCCA MOUNTAIN – REQUEST FOR ADDITIONAL INFORMATION RE: LICENSE APPLICATION (SAFETY ANALYSIS REPORT SECTION 2.3.8), SAFETY EVALUATION REPORT VOLUME 3 – POSTCLOSURE CHAPTER 2.2.1.3.7 – RADIONUCLIDE TRANSPORT IN THE UNSATURATED ZONE, SET 1

Reference: Ltr, Sulima to Williams, dtd 01/09/09, “Yucca Mountain – Request for Additional Information Re: License Application (Safety Analysis Report Section 2.3.8)”

The purpose of this letter is to transmit the U.S. Department of Energy’s (DOE’s) responses to 14 Requests for Additional Information (RAIs) identified in the above-referenced letter regarding DOE’s License Application Section 2.3.8. The NRC’s request corresponds to NRC Safety Evaluation Report, Volume 3, Chapter 2.2.1.3.7, Radionuclide Transport in the Unsaturated Zone. Each RAI response is provided as a separate enclosure.

Any DOE references that an RAI response cites, not previously provided to the NRC, will be provided in a separate transmittal. It is noted that the DOE documents cited in the response to RAI Number 6 have already been provided to the NRC.

There are two 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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Office of Technical Management

OTM: CJM-0397

Enclosures (14):
Responses to 14 Requests for Additional Information
Volume 3, Chapter 2.2.1.3.7, Set 1, Numbers 1 through 14



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EIE Document Components:

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