

June 29, 2009

Mr. Jeffrey R. Williams, Manager
Licensing Support
US Department of Energy
Office of Civilian Radioactive
Waste Management, RW-6
1000 Independence Avenue, SW
Washington, DC 20585

SUBJECT: YUCCA MOUNTAIN - REQUEST FOR ADDITIONAL INFORMATION- SAFETY
EVALUATION REPORT, VOLUME 3 - POSTCLOSURE CHAPTER
2.2.1.3.13, SET 1 - ATMOSPHERIC TRANSPORT OF RADIONUCLIDES AND
THEIR REDISTRIBUTION IN SOILS - (DEPARTMENT OF ENERGY'S SAFETY
ANALYSIS REPORT SECTIONS 2.3.10, and 2.3.11)

Dear Mr. Williams:

By application dated June 3, 2008, the U.S. Department of Energy (DOE) requested the U.S. Nuclear Regulatory Commission (NRC) approval of a construction authorization.

NRC staff has reviewed the information provided in your submittal and determined that additional information is required in order to complete its review. Questions in the enclosed request for additional information (RAI) were e-mailed on June 16, 2009, and discussed in a telephone call with Ms. Corinne Macaluso, et al., of your staff on June 24, 2009. This is RAI Set 1 of Safety Evaluation Report Chapter 2.2.1.3.13, Atmospheric Transport of Radionuclides and their Redistribution in Soils. As agreed in the phone call, the Enclosure contains modifications to RAI numbers 2 and 6, and the appropriate ADAMS accession numbers have been added to the Hooper and Hill (2004) reference. The DOE stated that it plans to respond to these RAIs by July 27, 2009, the date specified in NRC's June 16, 2009 e-mail.

J. Williams

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NRC staff considers that timely responses to RAIs help ensure sufficient time is available for staff review to meet its 10 CFR Part 2 schedule requirements and contribute toward the NRC's goal of efficient and effective use of staff resources. If circumstances result in the need to revise the requested response date, please contact me at (301) 492-3180.

Sincerely,

/RA/

John H. (Jack) Sulima, Project Manager
Project Management Branch Section B
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety and Safeguards

Docket No. 63-001

Enclosure: Request for Additional Information

cc: See enclosed list

Letter to J. Williams from J. Sulima dated: June 29, 2009

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Sincerely,

John H. (Jack) Sulima, Project Manager
Project Management Branch Section B
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Office of Nuclear Material Safety and Safeguards

Docket No. 63-001

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cc: See enclosed list

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