



Department of Energy
Washington, DC 20585

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ATTN: Document Control Desk

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YUCCA MOUNTAIN – REQUEST FOR ADDITIONAL INFORMATION – VOLUME 2,
CHAPTER 2.1.1.4, SET 4, SET 5 & SET 6 (DEPARTMENT OF ENERGY'S SAFETY
ANALYSIS REPORT SECTIONS 1.2 & 1.7) – Identification of Event Sequences

Reference: Ltr, Jacobs to Williams, dtd 06/12/09, "Yucca Mountain - Request For Additional
Information – Volume 2, Chapter 2.1.1.4, Set 4, Set 5 & Set 6 (Department Of
Energy's Safety Analysis Report Sections 1.2 & 1.7)"

The purpose of this letter is to transmit the U.S. Department of Energy's responses to five
Requests for Additional Information (RAIs) from Set 5 and the final RAI from Set 6,
identified in the above-referenced letter. Set 5 addresses event sequences related to the Wet
Handling and Receipt Facilities. Set 6 addresses fire-related event sequences. DOE has
previously responded to RAI Numbers 1, 4, and 6 from Set 5 and RAI Number 1 from Set 6
on July 14, 2009.

Any DOE references cited in the responses, which have not been previously provided to the
NRC, are enclosed. DOE expects to submit the remaining RAIs from Set 4 on or before
September 30, 2009, and from Set 5 on or before September 1, 2009.

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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Office of Technical Management

OTM: SEG-0957



Enclosures (7):

Responses to Request for Additional Information, Volume 2, Chapter 2.1.1.4, Fifth Set, Numbers 3, 5, 9, 10, and 11

Response to Request for Additional Information, Volume 2, Chapter 2.1.1.4, Sixth Set, Number 2
BSC (Bechtel SAIC Company) 2009. *Wet Handling Facility Event Sequence Development Analysis*.
050-PSA-WH00-00100-000-00B.

cc w/encl:

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EIE Document Components:

001_NRC_Trans_Ltr_2.2.1.1.4_Sets_4_5_6.pdf	
002_Encls_3_5_9_10_11_Set_5_2_Set_6_2.2.1.1.4.pdf	548 kB
003_050_PSA_WH00_00100_000_00B.pdf	11,338 kB