



Department of Energy

Washington, DC 20585

QA: N/A

DOCKET NUMBER 63-001

May 29, 2009

ATTN: Document Control Desk

Christian Jacobs, Senior Project Manager
Project Management Branch Section B
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
EBB-2B2
11545 Rockville Pike
Rockville, MD 20852-2738

YUCCA MOUNTAIN – REQUEST FOR ADDITIONAL INFORMATION – VOLUME 2,
CHAPTER 2.1.1.3, 2ND SET (U.S. DEPARTMENT OF ENERGY’S SAFETY ANALYSIS
REPORT SECTIONS 1.6 AND 1.7) – Identification of Hazards & Initiating Events

Reference: Ltr, Jacobs to Williams, dtd 03/25/09, “Yucca Mountain – Request for
Additional Information – Volume 2, Chapter 2.1.1.3, 2nd Set (U.S.
Department of Energy’s Safety Analysis Report Sections 1.6 and 1.7)”

The purpose of this letter is to transmit the U.S. Department of Energy’s (DOE) final six
(6) responses to Request for Additional Information (RAI) Numbers 3, 6, 7, 10, 12, and 18,
identified in the above-referenced letter. The responses address questions regarding fire
and explosion hazards. DOE previously submitted its responses to twelve (12) RAIs from
this set on April 27, 2009, and May 21, 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
Licensing Interactions Branch
Regulatory Affairs Division
Office of Technical Management

OTM: SEG-0767



Enclosures (6):

Responses to Request for Additional Information, Volume 2, Chapter 2.1.1.3, Second Set, Numbers 3, 6, 7, 10, 12, and 18.

cc w/encls:

J. C. Chen, NRC, Rockville, MD
J. R. Davis, NRC, Rockville, MD
R. K. Johnson, NRC, Rockville, MD
A. S. Mohseni, NRC, Rockville, MD
N. K. Stablein, NRC, Rockville, MD
D. B. Spitzberg, NRC, Arlington, TX
J. D. Parrott, NRC, Las Vegas, NV
L. M. Willoughby, NRC, Las Vegas, NV
Jack Sulima, NRC, Rockville, MD
Christian Jacobs, NRC, Rockville, MD
Lola Gomez, NRC, Rockville, MD
W. C. Patrick, CNWRA, San Antonio, TX
Budhi Sagar, CNWRA, San Antonio, TX
Bob Brient, CNWRA, San Antonio, TX
Rod McCullum, NEI, Washington, DC
B. J. Garrick, NWTRB, Arlington, VA
Bruce Breslow, State of Nevada, Carson City, NV
Alan Kalt, Churchill County, Fallon, NV
Irene Navis, Clark County, Las Vegas, NV
Ed Mueller, Esmeralda County, Goldfield, NV
Ron Damele, Eureka County, Eureka, NV
Richard Cervantes, Inyo County, Independence, CA
Chuck Chapin, Lander County, Battle Mountain, NV
Connie Simkins, Lincoln County, Pioche, NV
Linda Mathias, Mineral County, Hawthorne, NV
Darrell Lacy, Nye County, Pahrump, NV
Jeff VanNeil, Nye County, Pahrump, NV
Joe Kennedy, Timbisha Shoshone Tribe, Death Valley, CA
Mike Simon, White Pine County, Ely, NV
K. W. Bell, California Energy Commission, Sacramento, CA
Barbara Byron, California Energy Commission, Sacramento, CA
Susan Durbin, California Attorney General's Office, Sacramento, CA
Charles Fitzpatrick, Egan, Fitzpatrick, Malsch, PLLC

EIE Document Components:

001_NRC_Trans_Ltr_2.2.1.1.3_Set_2_No_3.pdf	
002_Encls_3_6_7_10_12_18_2.2.1.1.3_2_3.pdf	624 kB
003_CB_Input_Examples.xls	534 kB
004_CB_Input_Examples.pdf	469 kB