



Department of Energy

Washington, DC 20585

QA: N/A

DOCKET NUMBER 63-001

June 8, 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 2.1.1.7, SET 7 (DEPARTMENT OF ENERGY’S SAFETY ANALYSIS REPORT
SECTION 1.14) – Nuclear Criticality Safety – Submittal of Electronic Attachments

Reference: Ltr, Williams to Jacobs, dtd 06/08/09, “Yucca Mountain – Request for
Additional Information – Volume 2, Chapter 2.1.1.7, Set 7 (Department of
Energy’s Safety Analysis Report Section 1.14)- Nuclear Criticality Safety”

The purpose of this letter is to transmit three (3) electronic attachments, not previously
provided to the NRC, that are cited in responses to Requests for Additional Information
(RAI) Numbers 1 and 4 identified in the above-referenced letter. The enclosed attachments
are provided on optical storage media. The attachments are not compatible with electronic
information exchange (EIE) requirements, but are required by NRC in reviewing the RAI
responses. These electronic attachments will be made available to the public upon request.

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-0800



Printed with soy ink on recycled paper

413525

Enclosures (3):

1. BSC (Bechtel SAIC Company) 2007. *Nuclear Criticality Calculations for the Wet Handling Facility*. 050-00C-WH00-00100-000-00A. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20071212.0001. CD Attachment.
2. BSC 2008. *Bias and Range of Applicability Determinations for Commercial Nuclear Fuels*. 000-00C-MGR0-04700-000-00A. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080222.0014. CD Attachment.
3. BSC 2008. *Bias Determination for DOE Nuclear Fuels*. 000-00C-MGR0-04800-000-00A. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080225.0028. CD Attachment.

cc w/ encls:

Bob Brient, CNWRA, San Antonio, TX

cc w/o 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
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