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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 (RAI) - VOLUME 2, CHAPTER 2.1.1.7, SET 8 (DEPARTMENT OF ENERGY'S SAFETY ANALYSIS REPORT SECTIONS 1.2.8, 1.3.3, and 1.4.3) - GROA Transportation

Reference: Ltr, Jacobs to Williams, dtd 5/13/09, "Yucca Mountain - Request for Additional Information - Volume 2, Chapter 2.1.1.7, Set 8 and Set 9 (Department of Energy's Safety Analysis Report Sections 1.2.8, 1.3.3, and 1.4.3)"

The purpose of this letter is to transmit the U.S. Department of Energy's (DOE) responses to ten RAI's to Set 8 identified in the above referenced letter regarding DOE's LA Sections 1.2.8, 1.3.3, and 1.4.3. Each RAI response is provided as a separate enclosure. In addition, five references that have not been previously submitted are enclosed. Enclosure 11, *Mechanical Handling Design Report: Waste Package Transport And Emplacement Vehicle*, contains information that DOE has determined to be Official Use Only (OUO) information. Such information is exempt from public disclosure under the Freedom of Information Act and 10 CFR 2.390 and is appropriately marked. Enclosures 12 through 15 are being provided on Optical Storage Media (OSM). Enclosure 15, *Transport and Emplacement Vehicle Envelope Calculation*, contains an electronic attachment, which is also included on the OSM.

There are no commitments made 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-0796



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Enclosures (15):

(1 through 10) Responses to Ten Requests for Additional Information
Volume 2, Chapter 2.1.1.7, Set 8, Numbers 1 through 10

- (11) BSC (Bechtel SAIC Company) 2008. *Mechanical Handling Design Report: Waste Package Transport and Emplacement Vehicle*. 000-30R-HE00-00200-000 REV 003. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080725.0012. (Official Use Only) (Provided in hard copy.)
- (12) BSC 2008. *Waste Package Transport and Emplacement Vehicle ITS Standards Identification Study*. 800-30R-HE00-01200-000 REV 002. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080306.0003. (Provided on OSM.)
- (13) BSC 2008. *Waste Package Transport and Emplacement Vehicle Gap Analysis Study*. 800-30R-HE00-01300-000 REV 004. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080306.0006. (Provided on OSM.)
- (14) BSC 2008. *Waste Package Transport and Emplacement Vehicle Design Development Plan*. 800-30R-HE00-01600-000 REV 003. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080306.0008. (Provided on OSM.)
- (15) BSC (Bechtel SAIC Company) 2008. *Transport and Emplacement Vehicle Envelope Calculation*. 800-MQC-HE00-00100-000-00C. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20081110.0002. (And Attachment) (Provided on OSM.)

cc w/encls 1-10:

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 Provided on OSM:

Enclosure	File Name	File Size
12	Folder 01_800-30R-HE00-01200-000-REV 002 800 30R HE00 01200 000 REV 002.pdf	1,510 kB
13	Folder 02_800-30R-HE00-01300-000-REV 004 800 30R HE00 01300 000 REV 004.pdf	1,322 kB
14	Folder 03_800-30R-HE00-01600-000-REV 003 800 30R HE00 01600 000 REV 003.pdf	1,044 kB
15	Folder 04_800-MQC-HE00-00100-000-00C 800_MQC_HE00_00100_000_00C.pdf TEV MEE Calculation.xmcd	10,901 kB 1,803 kB