



Department of Energy
Washington, DC 20585

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ATTN: Document Control Desk
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U.S. Nuclear Regulatory Commission
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YUCCA MOUNTAIN - REQUEST FOR ADDITIONAL INFORMATION (RAI) –
VOLUME 2, CHAPTER 2.1.1.7, SET 10 (DEPARTMENT OF ENERGY'S SAFETY
ANALYSIS REPORT SECTION 1.2.2.3, 1.2.4.4, 1.2.5.5, and 1.2.8.3) – HVAC System

Reference: Ltr, Jacobs to Williams, dtd 5/28/09, "Yucca Mountain - Request for
Additional Information – Volume 2, Chapter 2.1.1.7, Set 10 (Department of
Energy's Safety Analysis Report Section 1.2.2.3, 1.2.4.4 & 1.2.8.3)"

The purpose of this letter is to transmit five documents in the U.S. Department of
Energy's (DOE) response to RAI Number 5 identified in the above referenced letter. The
fifth document, *WHF Air Pressure Drop Calculations (ITS)*, 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. Each document is provided as a separate file. The balance
of RAI responses, as identified in the reference letter, will follow.

There are no commitments made in this letter. 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: SAB-0805



Enclosures (5):

- (1) BSC (Bechtel SAIC Company) 2007. *CRCF 1 Equipment Sizing and Selection Calculation (ITS)*. 060-M8C-VCT0-00500-000-00B. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20071220.0032.
- (2) BSC 2007. *CRCF 1 Heating and Cooling Load Calculation (Tertiary Non ITS)*. 060-M8C-VCT0-00400-000-00D. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20071218.0013.
- (3) BSC 2007. *CRCF 1 Air Pressure Drop Calculation (ITS)*. 060-M8C-VCT0-00600-000-00B. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20070612.0009.
- (4) BSC 2007. *WHF Equipment Sizing and Selection Calculation (ITS)*. 050-M8C-VC00-00500-000-00B. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20071031.0001.
- (5) BSC 2007. *WHF Air Pressure Drop Calculation (ITS)*. 050-M8C-VC00-00600-000-00A. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20070503.0009.
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cc w/o encls:

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- 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_2.2.1.1.7_Set_10_No_1.pdf	
002_060_M8C_VCT0_00500_000_00B.pdf	1,220 kB
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