

October 2, 2001

Dr. Stephan Brocoun, Assistant Manager
Office of Licensing and Regulatory Compliance
U.S. Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 30307
North Las Vegas, NV 89036-0307

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION/U.S. DEPARTMENT OF
ENERGY TECHNICAL EXCHANGE AND MANAGEMENT MEETING ON
RANGE OF OPERATING TEMPERATURES (SEPTEMBER 18-19, 2001)

Dear Dr. Brocoun:

Enclosed are the meeting summary highlights agreed upon during the September 18-19, 2001, Technical Exchange and Management meeting between the staff of the U.S. Nuclear Regulatory Commission (NRC) and the U.S. Department of Energy (DOE). This was the second of two meetings on DOE's Supplemental Science and Performance Analyses (SSPA) report. During the first meeting, held on August 2, 2001, in Rockville, Maryland, DOE (1) summarized the SSPA; (2) discussed potential changes in approaches and results from the DOE's Yucca Mountain Science and Engineering Report (YMS&ER); and (3) discussed differences between higher-temperature and lower-temperature operating modes based on process models. This second meeting focused on the NRC staff's questions pertaining to DOE's SSPA and was conducted by a three-way video-conference between the NRC (Rockville, Maryland), DOE (Las Vegas, Nevada), and the Center for Nuclear Waste Regulatory Analyses (CNWRA; contractor to the NRC, San Antonio, Texas).

If you have any questions regarding this letter, please contact Mr. James Andersen of my staff at (301) 415-5717.

Sincerely,

/RA/

C. William Reamer, Chief
High-Level Waste Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

Enclosure: Summary Highlights of NRC/DOE Technical
Exchange and Management Meeting on
Range of Thermal Operating Temperatures

cc: See attached distribution list

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Dr. Stephan Brocoum, Assistant Manager
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Letter to S. Brocoum from C.W. Reamer dated: October 2, 2001

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