



UNITED STATES
NUCLEAR WASTE TECHNICAL REVIEW BOARD
2300 Clarendon Boulevard, Suite 1300
Arlington, VA 22201

Spring Meeting May 13, 2003

*The Watergate Hotel
2650 Virginia Avenue, N.W.
Washington, DC 20037
Voice: (202) 965-2300
Fax: (202) 337-7915*

- 8:00 a.m. Call to Order and Introductory Statements**
Michael Corradini, Chairman,
Nuclear Waste Technical Review Board (NWTRB)
- 8:20 a.m. Overview of Programmatic Developments**
Margaret Chu, Director
Office of Civilian Radioactive Waste Management (OCRWM)
Department of Energy (DOE)
- 8:50 a.m. Questions, discussion*
- 9:05 a.m. Yucca Mountain Project Status**
W. John Arthur III, Deputy Director for Repository Development
Office of Repository Development (ORD), OCRWM
- 9:35 a.m. Questions, discussion*
- 9:50 a.m. BREAK**
- 10:10 a.m. Introduction to the Technical Program**
David Duquette, member, NWTRB
- Program Theme:** Describe the thermal aspects of the current repository design and operating mode, how those aspects have been analyzed, and the results of those analyses.
- 10:20 a.m. Logic for Evaluating Engineered Barrier Performance**
William Boyle, Director of the Postclosure and License Acquisition Division,
Office of License Application and Strategy (OLAS), ORD
- 10:40 a.m. Questions, discussion*

May 13, 2003, continued

10:45 a.m. The Character of the Unsaturated Zone
Bo Bodvarsson, Director, Earth Sciences Division,
Lawrence Berkeley National Laboratory

11:40 a.m. Questions, discussion

12:00 p.m. LUNCH

1:30 p.m. Introduction to the Afternoon Session
Paul Craig, member, NWTRB

1:40 p.m. The Character of the In-Drift Environment
Mark Peters, Bechtel SAIC Company, LLC (BSC)/
Los Alamos National Laboratory (LANL)

2:30 p.m. Questions, discussion

2:50 p.m. Materials Performance
Joe Farmer, BSC/LLNL

3:40 p.m. Questions, discussion

4:00 p.m. BREAK

4:20 p.m. Technical Program Summary and Discussion
William Boyle, Director of the Postclosure and License Acquisition Division,
OLAS, ORD

4:40 p.m. Questions, discussion

5:30 p.m. Public Comments

6:00 p.m. Adjourn for the day

Wednesday May 14, 2003

- 8:00 a.m. Session Introduction**
Ronald Latanision, member, NWTRB
- 8:15 a.m. Status of Ongoing Testing**
Mark Peters, BSC/Los Alamos National Laboratory
- 9:00 a.m. Questions, discussion*
- 9:15 a.m. Science and Technology Program Update**
Robert Budnitz, Scientist,
Lawrence Livermore National Laboratory
- 9:45 a.m. Questions, discussion*
- 10:00 a.m. BREAK**
- 10:15 a.m. Session Introduction**
Priscilla Nelson, member, NWTRB
- 10:20 a.m. Corrosion Research at the Center for Nuclear Waste Regulatory Analyses**
Gustavo Cragnolino, CNWRA, Southwest Research Institute
- 10:50 a.m. Questions, discussion*
- 11:05 a.m. Inyo County Update**
Andrew Remus, Inyo County
Mike King, The Hydrodynamics Group
- 11:35 a.m. Questions, discussion*
- 11:50 a.m. Igneous Consequences Peer Review Panel Final Report**
Allan Rubin, Princeton University
- 12:20 p.m. Questions, discussion*
- 12:30 p.m. Public Comments**
- 1:00 p.m. Meeting Adjournment**