



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**