



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

## Fall 2003 Board Meeting September 16-17, 2003

Longstreet Inn  
Amargosa Valley, NV 89020  
Tel: (775) 372-1777  
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### Tuesday, September 16, 2003

- 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)
- 8:40 a.m.     Questions, discussion*
- 8:50 a.m.**     **Yucca Mountain Project Status**  
W. John Arthur III, Deputy Director for Repository Development  
Office of Repository Development (ORD), OCRWM
- 9:05 a.m.     Questions, discussion*
- 9:15 a.m.**     **BREAK**
- 9:30 a.m.**     **Update on Engineered Barrier System Performance**  
Robert MacKinnon, Sandia National Laboratories
- 10:25 a.m.    Questions, discussion*
- 10:45 a.m.**    **Update on Chlorine 36**  
William Boyle, DOE  
James Paces, U.S. Geological Survey  
Robert Roback, Los Alamos National Laboratory

*11:30 a.m. Questions, discussion*

**11:45 a.m. Public Comments**

**11:55 a.m. LUNCH**

**12:55 p.m. Session Introduction**  
Thure Cerling, member, NWTRB

**1:00 p.m. Overview: Flow and Transport in the Natural System**  
Robert Andrews, Bechtel SAIC Company, LLC (BSC)

*1:15 a.m. Questions, discussion*

**1:20 p.m. Flow and Transport in the Unsaturated Zone**  
Gudmundar Bodvarsson, Lawrence Berkeley National Laboratory

*2:40 p.m. Questions, discussion*

**3:00 p.m. BREAK**

**3:15 p.m. Flow and Transport in the Saturated Zone**  
Robert Andrews, BSC

*4:30 p.m. Questions, discussion*

**4:55 p.m. Technical Program Summary and Discussion**  
Robert Andrews, BSC

**5:30 p.m. Public Comments**

**5:45 p.m. Adjourn**

**Wednesday, September 17, 2003**

**7:15 a.m. Coffee with Members of the Public**

**8:00 a.m. Session Introduction**  
Ronald Latanision, member, NWTRB

**8:05 a.m. Welcoming Remarks**  
Henry Neth, Chairman  
Nye County Board of Commissioners

**8:20 a.m. Performance Confirmation**  
Deborah Barr, DOE

*9:20 a.m. Questions, discussion*

**9:50 a.m. BREAK**

**10:05 a.m. Update on Igneous Program**  
Peter Swift, BSC/Sandia National Laboratories

*10:40 p.m. Questions, discussion*

**10:55 a.m. Transportation Update**  
Gary Lanthrum, DOE

*11:15 a.m. Questions, discussion*

**11:25 a.m. Public Comments**

**11:45 a.m. Adjourn**