



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

Draft Agenda
Spring 2000 Board Meeting

Repository Design and Geochemistry

Bob Ruud Community Center
150 N. Highway 160
Pahrump, Nevada 89048
(702) 727-9991 (pay phone)
Fax: (702) 727-0345 (Town Hall)

Monday, May 1, 2000

- 7:30 a.m. to 8:15 a.m.** **Informal coffee: Board members and public**
- 8:25 a.m.** **Call to order**
Jared Cohon, Chairman,
Nuclear Waste Technical Review Board (NWTRB)
- 8:30 a.m.** **Welcome**
TBD, Nye County representative
- 8:35 a.m.** **Goals and guidelines for the meeting**
Jared Cohon, NWTRB
- 8:50 a.m.** **Program and Project update**
Ivan Itkin, Director, Office of Civilian Radioactive Waste Management
(OCRWM), U.S. Department of Energy
- 9:10 a.m. Questions, discussion*
- 9:25 a.m.** **Swedish nuclear waste program: View from a potential repository host**
Torsten Carlsson, Mayor, Municipality of Oskarshamn, Sweden
- 9:45 a.m. Questions, discussion*
- 9:55 a.m.** **Session on repository design and engineered barrier system (EBS) design**
Daniel Bullen, NWTRB, Session chair

- 10:00 a.m. Design of the subsurface facility and the EBS**
Paige Russell, Yucca Mountain Site Characterization Office (YMSCO), OCRWM
10:30 a.m. Questions, discussion
- 10:50 a.m. BREAK (10 minutes)**
- 11:00 a.m. Effect of repository temperatures on the confidence in and uncertainty of performance predictions**
Jean Younker, Management and Operating Contractor (M&O)
11:25 a.m. Questions, discussion
- 11:45 a.m. Varying repository operations to affect repository temperatures**
Richard Craun, YMSCO
12:05 p.m. Questions, discussion
- 12:25 p.m. Questions and comments from the public**
- 12:50 p.m. LUNCH (1 hour and 10 minutes)**
- 2:00 p.m. Scientific update session**
Debra Knopman, NWTRB, Session chair
- 2:05 p.m. Some open issues in performance assessment**
Abe van Luik, YMSCO
2:25 p.m. Questions, discussion
- 2:40 p.m. Scientific program overview**
Mark Peters, Los Alamos National Laboratory
3:05 p.m. Questions, discussion
- 3:25 p.m. Session on geochemistry**
Don Runnells, NWTRB, Session chair
- 3:30 p.m. Nye County update on geochemical and other scientific work**
Don Shettel, Nye County Nuclear Waste Repository Project Office
3:55 p.m. Questions, discussion
- 4:10 p.m. BREAK (10 minutes)**
- 4:20 p.m. Current chlorine-36 (and other isotopes) studies and issues**
William Boyle, YMSCO, and Marc Caffee, Lawrence Livermore National Laboratory

4:55 p.m. Questions, discussion

5:20 p.m. Questions and comments from the public

5:50 p.m. Closing remarks
Jared Cohon, NWTRB