



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

# Agenda

## Fall 2001 Board Meeting

Holiday Inn Crowne Plaza  
4255 South Paradise Rd.  
Las Vegas, NV  
Tel: (702) 369-4400 Fax: (702) 369-3770

### Monday; September 10, 2001

- 8:00 a.m. Call to order and introductory comments**  
Jared Cohon, Chairman  
Nuclear Waste Technical Review Board (NWTRB)
- 8:25 a.m. Program update**  
[Lake Barrett](#), Acting Director  
Office of Civilian Radioactive Waste Management (OCRWM)  
U.S. Department of Energy
- 8:50 a.m. Questions, discussion**
- 9:00 a.m. Yucca Mountain project update**  
[J. Russell Dyer](#), Project Manager  
Yucca Mountain Site Characterization Office (YMSCO)
- 9:10 a.m. Questions, discussion**
- 9:20 a.m. Session introduction**  
Paul Craig, member, NWTRB
- 9:25 a.m. Update on uncertainty analyses**  
[William Boyle](#), YMSCO
- 9:55 a.m. Questions, discussion**
- 10:10 a.m. BREAK**
- 10:25 a.m. Update on materials testing**  
Gerald Gordon, Bechtel SAIC Company (BSC)/ Framatome Advanced Nuclear Power

- 11:10 a.m. Questions, discussion*
- 11:30 p.m. Public comments**
- 11:45 a.m. LUNCH**
- 1:00 p.m. Interim report on waste package materials peer review**  
[Joe Payer](#), Case Western Reserve University  
Peer review team lead
- 1:30 p.m. Questions, discussion*
- 1:45 p.m. NWTRB workshop on passive behavior**  
[Alberto Sagüés](#), member
- 2:00 p.m. Questions, discussion*
- 2:05 p.m. Laboratory tests on titanium grade 7 and Alloy 22**  
[April L. Pulvirenti](#), Catholic University
- 2:35 p.m. Questions, discussion*
- 2:50 p.m. Performance of natural and engineered barriers**  
[Roger W. Staehle](#), Consultant to State of Nevada
- 3:05 p.m. Questions, discussion*
- 3:15 p.m. BREAK**
- 3:30 p.m. Comparison of higher- and lower-temperature operating modes**  
Jim Blink, Bechtel BSC/Lawrence Livermore National Laboratory
- 4:00 p.m. Questions, discussion*
- 4:15 p.m. Biosphere peer review**  
[Eric Smistad](#), YMSCO
- 4:35 p.m. Questions, discussion*
- 4:45 p.m. Update on total system performance assessment (TSPA) peer review**  
[Abe Van Luik](#), YMSCO
- 5:05 p.m. Questions, discussion*
- 5:15 p.m. Public comments**
- 5:45 p.m. Adjourn**

## Tuesday; September 11, 2001

- 7:15 a.m.**      **Coffee, donuts, and informal conversation with the public**  
Board members
- 8:30 a.m.**      **Session introduction**  
Jeff Wong, member, NWTRB
- 8:35 a.m.**      **U.S. Environmental Protection Agency (EPA) Yucca Mountain standards**  
[Ken Czyscinski](#), EPA  
*9:25 a.m. Questions, discussion*
- 9:40 a.m.**      **Plans for addressing key technical issues**  
[April Gil](#), YMSCO  
*10:05 a.m. Questions, discussion*
- 10:15 a.m.**      **BREAK**
- 10:30 a.m.**      **Summary of *Preliminary Site Suitability Evaluation***  
[Tim Sullivan](#), YMSCO  
*11:00 a.m. Questions, discussion*
- 11:30 p.m.**      **Public comments**
- 11:45 a.m.**      **LUNCH**
- 1:00 p.m.**      **Update on science program**  
Mark Peters, BSC/Los Alamos National Laboratory  
*2:00 p.m. Questions, discussion*
- 2:30 a.m.**      **Summary of *Supplemental Science and Performance Analyses***  
Rob Howard, BSC  
*3:00 p.m. Questions, discussion*
- 3:15 p.m.**      **BREAK**
- 3:30 p.m.**      **Update on Nye County drilling program**  
[Dale Hammermeister](#), Nye County  
*4:00 p.m. Questions, discussion*
- 4:15 p.m.**      **Structural controls on flow**  
[Linda Lehman](#), Consultant to State of Nevada  
*4:35 p.m. Questions, discussion*
- 4:45 p.m.**      **Public comments**
- 5:15 p.m.**      **Adjourn**

## Wednesday; September 12, 2001

- 8:00 a.m. Introduction**  
Debra Knopman, member
- 8:05 a.m. Consequences of igneous activity**  
*8:25 a.m. Questions, discussion*  
[Brittain Hill](#), Center for Nuclear Waste Regulatory Analyses
- 8:45 a.m. Consequences of igneous activity**  
[Eric Smistad](#), YMSCO
- 9:05 a.m. Questions, discussion*
- 9:20 a.m. Comments on consequences of igneous activity**  
[Steve Frishman](#), State of Nevada
- 9:35 a.m. Questions, discussion*
- 9:45 a.m. Discussion of igneous activity**
- 10:10 a.m. BREAK**
- 10:25 a.m. QA influence on uncertainties in TSPA**  
[Bob Andrews](#), BSC
- 10:50 a.m. Questions, discussion*
- 11:05 a.m. Repository development plans**  
[Jeff Williams](#), OCRWM
- 11:35 a.m. Questions, discussion*
- 11:50 a.m. Public Comments**
- 12:00 noon Adjourn**