



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

## Agenda

### Joint Meeting of Performance Assessment and Repository Panels Supplemental Science and Performance Analyses (SSPA)

Crowne Plaza Hotel  
4255 South Paradise Road  
Las Vegas, NV 89109  
Phone: 702-369-3770 Fax: 702-369-3770

**Wednesday; June 20, 2001**

- 1:00 p.m.**      **Call to order and introductory comments**  
Daniel Bullen, Meeting Chair  
Nuclear Waste Technical Review Board (NWTRB)
- 1:10 p.m.**      **Introduction: goals and objectives of SSPA**  
Steve Brocoum and William Boyle  
Yucca Mountain Site Characterization Office (YMSCO)  
Department of Energy,
- 1:35 p.m.**      ***Questions, discussion***
- 1:50 p.m.**      **Scope, content, summary of SSPA volume 1: *Scientific Basis and Analyses***  
Rob Howard  
Bechtel SAIC Company (BSC)
- 2:10 p.m.**      ***Questions, discussion***
- 2:20 p.m.**      **Scope, content, summary, results of SSPA volume 2: *Performance Analyses***  
Peter Swift  
BSC/Sandia National Laboratories (SNL)
- 2:40 p.m.**      ***Questions, discussion***
- 3:00 p.m.**      **BREAK**
- 3:10 p.m.**      **Unsaturated zone (UZ) and near-field environment coupled-process components**  
Bo Bodvarsson  
BSC/Lawrence Berkeley National Laboratory (LBNL)
- 3:45 p.m.**      ***Questions, discussion***

- 4:10 p.m.    Engineered barrier system (EBS) process components**  
Bob MacKinnon  
BSC/SNL
- 4:40 p.m.    Questions, discussion*
- 5:00 p.m.    Public comments**
- 5:30 p.m.    Session adjourned**

**Thursday, June 21, 2001**

- 8:00 a.m.    Opening comments**  
Alberto Sagüés, Session Chair  
NWTRB
- 8:05 a.m.    Waste package corrosion process components**  
Greg Gdowski  
BSC/Lawrence Livermore National Laboratories (LLNL)  
Joon Lee  
BSC/SNL
- 8:40 a.m.    Questions, discussion*
- 9:10 a.m.    Waste form process components**  
Pat Brady  
BSC/SNL
- 9:30 a.m.    Questions, discussion*
- 9:50 a.m.    BREAK**
- 10:00 a.m.    UZ transport process components**  
Jim Houseworth  
BSC/LBNL
- 10:15 a.m.    Questions, discussion*
- 10:30 a.m.    Saturated zone process components**  
Bruce Robinson  
BSC/Los Alamos National Laboratory (LANL)
- 10:50 a.m.    Questions, discussion*
- 11:10 a.m.    Integration of coupled processes, unqualified uncertainty, and thermal analyses in supplemental total system performance assessment (TSPA)**  
Robert Andrews  
BSC
- 11:40 a.m.    Questions, discussion*

- 12:00 p.m. LUNCH**
- 1:00 p.m. Opening comments**  
Norman Christensen  
Session Chair, NWTRB
- 1:05 p.m. TSPA analyses and results**  
Mike Wilson  
BSC/SNL
- 1:30 p.m. Questions, discussion*
- 1:50 p.m. Evaluation of unquantified uncertainties**  
Kevin Coppersmith  
BSC/Coppersmith Consulting, Inc
- 2:05 p.m. Questions, discussion*
- 2:20 p.m. Evaluation of corrosion processes**  
Gerald Gordon  
BSC
- 2:35 p.m. Questions, discussion*
- 2:50 p.m. BREAK**
- 3:00 p.m. Evaluation of range of thermal operating modes**  
James Blink  
BSC/LLNL
- 3:15 p.m. Questions, discussion*
- 3:30 p.m. Development of multiple lines of evidence**  
Ardyth Simmons  
BSC/LBNL
- 3:45 p.m. Questions, discussion*
- 4:00 p.m. Conclusions**  
William Boyle  
YMSCO
- 4:15 p.m. Questions, discussions*
- 4:30 p.m. Public comments**
- 4:55 p.m. Closing comments**  
Daniel Bullen, Meeting Chair  
NWTRB
- 5:00 p.m. Meeting adjourned**