



**UNITED STATES
NUCLEAR WASTE TECHNICAL REVIEW BOARD**

2300 Clarendon Boulevard, Suite 1300
Arlington, VA 22201-3367

MEETING AGENDA

Embassy Suites Convention Center Hotel
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MAY 29, 2008

- 8:00 A.M. **Opening Remarks**
B. John Garrick, Chairman,
U.S. Nuclear Waste Technical Review Board
- 8:30 A.M. **OCRWM Program and Project Status Report**
J. Russell Dyer, Chief Scientist,
DOE Office of Civilian Radioactive Waste Management
- 8:45 A.M. *Discussion*
- 9:00 A.M. **TSPA Modeling Approach and Overview of Results**
Peter Swift, Sandia National Laboratories
- *Summary of TSPA results.*
 - *Movement of water into and radionuclides out of the engineered barrier system as a result of seismic ground motion.*
 - *Movement of water into and radionuclides out of the engineered barrier system as a result of igneous intrusion.*
- 9:45 A.M. **Break**
- 10:00 A.M. *Discussion*
- 10:45 A.M. **Performance Margin Analysis**
Clifford Hansen, Sandia National Laboratories
- *Selection of alternative models and parameter values for analysis.*
 - *Impact of selected models and parameter values on total expected dose.*
- 11:30 A.M. *Discussion*
- 12:15 P.M. **Lunch**
- 1:30 P.M. **Uncertainty & Sensitivity Analyses**
Jon Helton, Sandia National Laboratories
- *Parameters most significant to uncertainty in total expected dose.*
 - *Tracking migration of Tc-99 and Np-237 through the repository system.*
- 2:15 P.M. *Discussion*
- 3:00 P.M. **Break**
- 3:10 P.M. **Independent Performance Assessment Review**
Ron Ballinger, Member, IPAR Team
- 3:45 P.M. *Discussion*

- 4:20 P.M. **Electric Power Research Institute Yucca Mountain Performance Assessment**
 John Kessler, EPRI
 Andrew Sowder, EPRI
- 4:55 P.M. *Discussion*
- 5:30 P.M. **Public Comments**
- 6:00 P.M. **Adjourn Public Meeting**