



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

Agenda - Fall Meeting **Monday September 20, 2004**

Atrium Suites Hotel
4255 South Paradise
Las Vegas NV 89109
Voice: (702) 369-4400
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- 8:00 a.m. Introduction of John Garrick**
David Duquette, Chair of the Executive Committee, Nuclear Waste Technical Review Board (NWTRB)
- 8:15 a.m. Introduction of Board Members**
B. John Garrick, Chair of Nuclear Waste Technical Review Board
- 8:30 a.m. Program Overview**
Margaret Chu, Director, Office of Civilian Radioactive Waste Management (OCRWM), U.S. Department of Energy (DOE)
- 8:50 a.m. Questions, discussion*
- 9:10 a.m. Project Update and Program for FY 05**
[W. John Arthur III](#), Deputy Director of Repository Development, Office of Repository Development, OCRWM
- 9:35 a.m. Questions, discussion*
- 9:50 a.m. BREAK (20 min.)**
- 10:10 a.m. Repository Design for License Application**
[Rick Craun](#), Director, Office of Project Management and Engineering
- 10:45 a.m. Questions, discussion*
- 11:10 a.m. Update on Seismic Issues**
[Jon Ake](#), Geophysicist, U.S. Bureau of Reclamation/DOE
- 11:50 a.m. Questions, discussion*
- 12:10 p.m. LUNCH (1 hour 15 min)**

Session on Total System Performance Assessment

Session Chair, Mark Abkowitz, NWTRB Member

- 1:25 p.m. Introductory Remarks and Overview**
Mark Abkowitz, NWTRB Member
- 1:35 p.m. Overview of DOE Total System Performance Assessment (TSPA) for Yucca Mountain Project**
Part I [Robert Andrews](#), Manager Postclosure Safety, Bechtel SAIC Company (BSC)
TSPA definition
 Uses of TSPA
 History of TSPA
Regulatory Approach
TSPA Process and Approach
 TSPA submodels
 FEPs Screening Process
Architecture and Components
 Nominal Scenario
- 2:25 p.m. Questions, discussion*
- 2:45 p.m. Part II** [Robert Andrews](#), Manager Postclosure Safety, Bechtel SAIC Company (BSC)
Architecture and Components
 Igneous Scenario
 Seismic Scenario
Major Changes since TSPA-FEIS
- 3:15 p.m. Questions, discussion*
- 3:35 p.m. BREAK (20 min.)**
- 3:55 p.m. Criteria for NRC Review of TSPA and Risk Insights**
[Tim McCartin](#), Senior Advisor for Performance Assessment, NRC
- 4:20 p.m. Questions, discussion*
- 4:40 p.m. EPRI's Approach to TSPA: Latest Results.**
[Mick Apted](#), Monitor Scientific/Electric Power Research Institute (EPRI)
- 5:15 p.m. Questions, discussion*
- 5:30 p.m. Public Comment Period**
- 6:00 p.m. Adjourn for the day**