



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

AGENDA
Repository Design Update
Panel on the Engineered System
January 20, 2004

Crowne Plaza Hotel
4255 South Paradise Road
Las Vegas, NV 89109
Tel: (702) 369-4400
Fax: (702) 369-3770

Tuesday, January 20, 2004

8:00 a.m. Call to Order and Introductory Statement

Ron Latanision, Chair, Panel on the Engineered System
Nuclear Waste Technical Review Board (NWTRB)

8:20 a.m. Yucca Mountain Project Status

[W. John Arthur III](#), Deputy Director for Repository Development
Office of Repository Development (ORD), Office of Civilian Radioactive Waste
Management (OCRWM), U.S. Department of Energy

8:35 a.m. Questions, discussion

REPOSITORY DESIGN UPDATE

8:50 a.m. Introduction and Preclosure Safety Analysis

[Paul Harrington](#), Repository Engineering and Design Division,
Office of License Application and Strategy, ORD

9:00 a.m. Questions, discussion

9:10 a.m. Surface Facilities

Paul Harrington

9:40 a.m. Questions, discussion

10:00 a.m. BREAK

10:15 a.m. Continuation of Repository Design Update Session

David Duquette, member, NWTRB

10:20 a.m. Subsurface Facilities

Paul Harrington

10:55 a.m. Questions, discussion

11:15 a.m. Waste Package, Drip Shield, and Invert
Paul Harrington

11:45 a.m. Questions, discussion

12:00 noon Public Comment Period

12:15 p.m. LUNCH

1:35 p.m. Continuation of the Repository Design Update Session
Dan Bullen, member, NWTRB

1:40 p.m. NEI Views on the Surface Facility Design
[Steven Kraft](#), Director, Waste Management, Nuclear Energy Institute

2:00 p.m. Questions, discussion

NYE COUNTY ACTIVITIES RELATED TO THE ENGINEERED SYSTEM

2:10 p.m. Alternate Conceptual Models for Engineered Barrier System Chemistry and Performance
[John Walton](#), Professor, Department of Civil Engineering, and Director, Environmental Engineering and Science Program, University of Texas - El Paso

2:30 p.m. Questions, discussion

2:40 p.m. BREAK

2:55 p.m. Session Continuation
Ron Latanision

3:00 p.m. Status of Nye County Ventilation Studies
[John Walton](#)

3:20 p.m. Questions, discussion

OCRWM's SCIENCE AND TECHNOLOGY PROGRAM

3:40 p.m. Update on OCRWM's Science and Technology Program
[Robert Budnitz](#), Scientist,
Lawrence Livermore National Laboratory

4:10 p.m. Questions, discussion

4:40 p.m. Public Comment Period

5:10 p.m. Adjourn