



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

Spring Board Meeting Agenda

Lessons Learned in Site Assessment for Critical Facilities Saturated Zone Hydrology Site Characterization Update

Peppermill Hotel
2707 S. Virginia Street
Reno, Nevada 89502
(702) 826-2121
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April 11-12, 1994

Oak Room (Second Floor)

Monday, April 11

8:30 A.M.

Opening remarks

John Cantlon, Chair

Nuclear Waste Technical Review Board (NWTRB)

LESSONS LEARNED IN SITE ASSESSMENT FOR CRITICAL FACILITIES

8:40 A.M.

Session introduction

Clarence Allen, NWTRB

8:45 A.M.

Hearings on the Martinsville Alternative Site by the Illinois Low-Level Radioactive Waste Disposal Facility Siting Commission

William Hall

Member, Siting Commission

9:30 A.M.

Lessons learned from the activities of the Illinois Low- Level Radioactive Waste Disposal Facility Siting Commission

Fred Snider

Raytheon Engineering and Constructors

Ebasco Division

10:05 A.M.

BREAK (15 minutes)

Monday, April 11 — continued

- 10:20 A.M.** **Lessons learned from site characterization of the Waste Isolation Pilot Plant in New Mexico**
[Wendell Weart](#)
Sandia National Laboratories (SNL)
- 10:55 A.M.** **Insights from site characterization of a proposed high-level radioactive waste repository at Gorleben, Federal Republic of Germany**
[Klaus Kühn](#)
Institute for Underground Research, GSF
- 11:40 A.M.** **Successful siting of a hazardous waste facility in Alberta, Canada**
[Walter E. Harris](#)
University of Alberta
- 12:15 P.M.** **LUNCH (1 hour and 15 minutes)**
- 1:30 P.M.** **Managing critical safety projects to avoid entrenched warfare**
[Lloyd Cluff](#)
Pacific Gas and Electric Company
- 2:15 P.M.** **Scientific controversy in some large engineering projects**
[James Devine](#)
U.S. Geological Survey (USGS)
- 2:50 P.M.** **A lawyer's perspective on regulatory science and science in legal hearings**
Lawrence Chandler
U.S. Nuclear Regulatory Commission
- 3:25 P.M.** **The DOE "Scenario A" initiative and OCRWM's new approach to site characterization**
[Lake Barrett](#) and [Stephan Brocoum](#), DOE
- 4:25 P.M.** **BREAK (20 minutes)**
- 4:45 P.M.** **Round-table discussion on applicability of presentations to Yucca Mountain project**
Clarence Allen, NWTRB, moderator

Monday, April 11 — continued

- 6:00 P.M. Concluding remarks**
Clarence Allen, NWTRB
- 6:05 P.M. Recess until Tuesday, April 12, 1994**

Tuesday, April 12, 1994

- 8:30 A.M. Introduction to saturated zone hydrology session**
Pat Domenico, session chair, NWTRB
- 8:35 A.M. National Environmental Policy Act: State of Nevada
issues and concerns**
Robert Loux
Nevada Nuclear Waste Project Office
- 9:15 A.M. Overview of regional saturated zone hydrology**
Martin Mifflin
Mifflin & Associates, Inc.
- 9:50 A.M. Introduction for DOE saturated zone presentations**
[Russ Patterson](#)
Yucca Mountain Site Characterization Office (YMSCO)
- 10:00 A.M. Overview of Yucca Mountain saturated zone**
[Richard Luckey](#), USGS
- 10:45 A.M. BREAK (15 minutes)**
- 11:00 A.M. Geochemistry of the Yucca Mountain saturated zone**
[Zell Peterman](#) and [William Steinkampf](#), USGS
- 11:40 A.M. The role of the saturated zone in waste isolation *or*
What if we get an individual dose standard?**
[Michael Wilson](#), SNL
- 12:15 P.M. LUNCH (1 hour)**
- 1:15 P.M. Evaluation of ground-water travel time**
[Jean Younker](#), TRW

Tuesday, April 12 — continued

- 1:45 P.M.** **Alternative conceptual model of saturated zone flow system**
[Linda Lehman](#)
L. Lehman & Associates, Inc.
- 2:05 P.M.** **Update on faults at Yucca Mountain**
[Richard Spengler](#), USGS
- 2:45 P.M.** **BREAK (15 minutes)**
- 3:00 P.M.** **Update on the exploratory studies facility**
[Robert Sandifer](#)
Duke Engineering Services, (M&O)
- 3:45 P.M.** **Focused Mined Geologic Disposal System/Advanced Conceptual Design status and update**
[Dean Stucker](#), YMSCO
- 4:30 P.M.** **Public Comment**
Open to those in attendance
- 5:00 P.M.** **Closing remarks and adjournment**
John Cantlon, chair, NWTRB