



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

Structural Geology & Geoenvironmental Panel Meeting  
Agenda

**Volcanic Hazards and Vulnerabilities**

**March 1, 1991**

**Days Inn**

**88 East Broadway**

**Tucson, Arizona 85701**

**(602) 622-4000**

8:00 a.m. - 8:10 a.m.

**Welcome and Opening Remarks**

Clarence Allen, Nuclear Waste Technical Review Board  
(NWTRB)

8:10 a.m. - 8:30 a.m.

**Introduction**

[David Dobson](#), Department of Energy (DOE)

\*[Carl Johnson](#), State of Nevada

[Ron Ballard](#), Nuclear Regulatory Commission (NRC)

[Michael Sheridan](#), representing Electric Power  
Research Institute (EPRI)

**PROGRESS IN 1990**

8:30 a.m. - 9:30 a.m.

**Overview and New Thermoluminescence Data (DOE)**

[Bruce Crowe](#), Los Alamos National Laboratory  
(LANL)

9:30 a.m. - 10:00 a.m.

**New Geochemical Data (DOE)**

[Frank Perry](#), University of New Mexico

10:00 a.m. - 10:15 a.m.

**BREAK**

10:15 a.m. - 11:00 a.m.

**New Results from the State of Nevada**

[Eugene Smith](#), University of Nevada, Las Vegas  
(UNLV)

(over)

11:00 a.m. - 11:30 a.m.	<p><b>Additional Comments from the Audience</b>  *Carl Hedge, U. S. Geological Survey, Denver  <a href="#">Brent Turrin</a>, U. S. Geological Survey, Menlo Park  <a href="#">Duane Champion</a>, U. S. Geological Survey, Menlo Park  *Leslie McFadden, University of New Mexico</p>
11:30 a.m. - 12:30 p.m	<p><b>LUNCH</b></p> <p><b>PROBABILITY CALCULATIONS</b></p>
12:30 p.m. - 1:00 p.m.	<p><b>State of Nevada</b>  <a href="#">Chih-Hsiang Ho</a>, UNLV</p>
<b>1:00 p.m. - 1:45 p.m.</b>	<p><b>EPRI</b>  <a href="#">Michael Sheridan</a>, SUNYAB</p>
1:45 p.m. - 2:15 p.m.	<p><b>DOE</b>  <a href="#">Bruce Crowe</a>, LANL</p>
2:15 p.m. - 2:40 p.m.	<p><b>NRC</b>  <a href="#">John Trapp</a></p> <p><b>CONSEQUENCE ANALYSIS</b></p>
2:40 p.m. - 3:10 p.m.	<p><b>Introduction - Consequence and Probability (DOE)</b>  <a href="#">Bruce Crowe</a>, LANL</p>
3:10 p.m. - 3:25 p.m.	<p><b>BREAK</b></p>
3:25 p.m. - 3:50 p.m.	<p><b>Scenario Development, Volcanic Processes and Mathematical Models (DOE)</b>  <a href="#">Greg Valentine</a>, LANL</p>
3:50 p.m. - 4:50 p.m.	<p><b>Roundtable Discussion</b></p> <ol style="list-style-type: none"> <li>1. On which issues is a consensus developing?</li> <li>2. On which issues are there serious differences?</li> <li>3. Are these issues important with respect to site suitability and public health and safety?</li> <li>4. How can these issues be resolved?</li> </ol> <p>* Eugene Rosebloom,  <b>CONCLUSION</b></p>

4:50 p.m. - 5:00 p.m.

**Closing Remarks**

Clarence Allen, NWTRB

5:00 p.m.

**Executive Session of the SG&G Panel (closed)**

\* Are those who made presentations and/or comments for the March 1, 1991, Meeting