



UNITED STATES
NUCLEAR WASTE TECHNICAL REVIEW BOARD
1100 Wilson Boulevard, Suite 910
Arlington, VA 22209

Agenda

Full Board Meeting

October 14-15, 1992

Plaza-Suite Hotel
4255 South Paradise
Las Vegas, NV 89109
(702) 369-4400

Wednesday, October 14, 1992

- 8:30 A.M.** **Welcome and Opening Remarks**
John E. Cantlon, Chairman
Nuclear Waste Technical Review Board (NWTRB)
- 8:35 A.M.** **Morning Session Introduction**
Ellis D. Verink, Jr., NWTRB
- 8:40 A.M.** **Opening Remarks**
[Carl Gertz](#)
Department of Energy (DOE)
- 8:45 A.M.** **Source Term Concept and Definition**
[David Stahl](#)
Management and Operating Contractor (M&O)
- 9:15 A.M.** **¹⁴C Releases**
[Richard A. Van Konynenburg](#)
Lawrence Livermore National Laboratory (LLNL)
- 10:00 A.M.** **Overview on Spent Fuel**
[Ray B. Stout](#), LLNL
- 10:45 A.M.** **BREAK (15 minutes)**
- 11:00 A.M.** **Oxidation Testing of Spent Fuel**
[Robert Einziger](#)
Pacific Northwest Laboratory (PNL)

Wednesday, October 14, 1992 (continued)

- 11:30 A.M.** **Dissolution Testing of Spent Fuel**
[Walter J. Gray](#), PNL
- 12:00 P.M.** **Dissolution Testing of UO₂**
[Steven A. Steward](#), LLNL
- 12:30 P.M.** **LUNCH (1 hour, 15 minutes)**
- 1:45 P.M.** **Afternoon Session Introduction**
Donald Langmuir, NWTRB
- 1:50 P.M.** **Glass Testing and Colloid Evaluations**
[John K. Bates](#)
Argonne National Laboratory
- 2:20 P.M.** **Glass Modeling**
[William L. Bourcier](#), LLNL
- 2:50 P.M.** **Thermodynamic Database for the Source Term**
[Cynthia Palmer](#), LLNL
- 3:20 P.M.** **BREAK (10 minutes)**
- 3:30 P.M.** **Geochemical Code EQ3/6**
[Thomas J. Wolery](#), LLNL
- 4:20 P.M.** **Plans for Future Work**
[Diane Harrison](#), DOE
- 4:50 P.M.** **RECESS UNTIL THURSDAY, October 15**



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- 8:00 A.M.** **Morning Session Introduction**
Patrick A. Domenico, NWTRB
- 8:05 A.M.** **Combining Processes: An Engineered Barrier System Source Term**
[William J. O'Connell](#), LLNL
- 8:40 A.M.** **Source Term in the Sandia National Laboratories (SNL)
Total System Performance Assessment**
[Michael L. Wilson](#) and [Ralston W. Barnard](#), SNL
- 9:15 A.M.** **Source Term in the PNL Total System Performance Assessment**
[David W. Engel](#), PNL
- 9:55 A.M.** **Source Term in the Electric Power Research Institute (EPRI)
Performance Assessment**
[Robert A. Shaw](#), EPRI
- 10:35 A.M.** **Model for Radionuclide Release in the Nuclear Regulatory
Commission (NRC) Iterative Performance Assessment, Phase 2**
[Richard B. Codell](#) and Tae M. Ahn, NRC
- 11:15 A.M.** **BREAK (15 minutes)**
- Source Term Overviews by NWTRB Consultants**
- 11:30 A.M.** [Michael J. Apted](#), Intera Information Technologies, Inc.
- 11:45 A.M.** [Nava C. Garisto](#), Beak Consultants, Ltd.

Thursday, October 15, 1992 (continued)

- 12:00 P.M. Open Discussion**
- 12:45 P.M. Concluding Remarks on Source Term Sessions**
D. Warner North, NWTRB
- 1:00 P.M. LUNCH (1 hour, 15 minutes)**
- 2:15 P.M. Overview of Ghost Dance Fault Mapping**
[Richard W. Spengler](#)
U.S. Geological Survey
- 2:45 P.M. Introductory Remarks**
John Bartlett, DOE
- 2:55 P.M. YMPO Fiscal Year 1993 Budget**
Carl Gertz, YMPO
- 3:55 P.M. Closing Remarks and Adjournment**
John E. Cantlon, Chairman, NWTRB