



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

Agenda

Engineered Barrier System Panel Meeting

Gold Room, Pleasanton Hilton Hotel
Pleasanton, California
August 28-29, 1990

August 28, 1990 – Morning

8:00 – 8:15 a.m.

Opening remarks
Ellis D. Verink, Nuclear Waste Technical Review Board

8:15 – 8:30 a.m.

Opening remarks
[Ted Petrie](#), Department of Energy (DOE)

EBS Waste Package Strategy and Implementation Plan

8:30 – 9:00 a.m.

EBS waste package strategy overview
[Michael Cloninger](#), DOE

9:00 – 10:10 a.m.

Waste package plan implementation
[Leslie Jardine](#), Lawrence Livermore National Laboratory (LLNL)

10:10 – 10:30 a.m.

Break

10:30 – 11:15 a.m.

EBS alternatives design approach
[Leslie Jardine](#), LLNL

Waste Acceptance Process

11:15 a.m. – 12:00 p.m.

Waste acceptance overview
[Michael Cloninger](#), DOE

Lunch

August 28, 1990 – Afternoon

- 1:00 – 1:20 p.m.** High Level Waste (HLW) glass characterization overview
[Robert Brown](#), DOE
- 1:30 – 2:00 p.m.** DMPF HLW qualification activities
[John Plodinec](#), Savannah River Laboratory (SRL)
- 2:00 – 2:30 p.m.** WVDP HLW qualification activities
[Robert Palmer](#), West Valley Nuclear Services Company
- 2:30 – 2:50 p.m.** **Break**
- Waste Characterization – HLW Glass**
- 2:50 – 3:15 p.m.** HLW glass characterization overview
[Henry Shaw](#), LLNL
- 3:15 – 3:45 p.m.** Modeling of gas dissolution
[William Bourcier](#), LLNL
- 3:45 – 4:15 p.m.** Experimental bases for glass modeling
[Kevin Knauss](#), LLNL
- 4:15 – 4:45 p.m.** Integrated glass alteration tests
[John Bates](#), Argonne National Laboratory (ANL)
- 4:45 p.m.** **Adjourn**

August 29, 1990 – Morning

- Waste Characterization - Spent fuel**
- 8:00 – 8:30 a.m.** Spent fuel characterization overview
[Raymond Stout](#), LLNL
- 8:30 – 9:10 a.m.** Spent fuel cladding degradation
[Harry Smith](#), Battelle, Pacific Northwest Laboratory
- 9:10 – 9:30 a.m.** Spent fuel oxidation
[Robert Einzinger](#), Battelle, Pacific Northwest Laboratory

9:30 – 9:50 a.m.

Break

9:50 – 10:15 a.m.

Spent fuel leaching: hot cell tests
[Chuck Wilson](#), Battelle, Pacific Northwest Laboratory

10:15 – 10:40 a.m.

Spent fuel leaching: flow through tests
[Herman Leider](#), LLNL

10:40 – 11:10 a.m.

Geochemical simulation of spent fuel dissolution
[Carol Bruton](#), LLNL

11:10 a.m. – 12:10 p.m.

Lunch

August 29, 1990 – Afternoon

Waste Data Base Development

12:00 – 12:40 p.m.

Spent fuel/HLW data base overview
[Alan Brownstein](#), DOE

12:40 – 1:10 p.m.

Reactor – specific data base development
[Richard Walling](#), Battelle, Pacific Northwest Laboratory

1:10 – 1:40 p.m.

Waste characteristics data base
[Karl Notz](#), Oak Ridge National Laboratory, (ORNL)

1:40 – 2:10 p.m.

Closing discussions
Panel members and participants

2:10 p.m.

Adjourn