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