MEETING OF THE HYDROGEOLOGY AND GEOCHEMISTRY PANEL
DECEMBER 11-12, 1989

Briefing by the U.S. Department of Energy's Yucca Mountain Project Office

Monday, December 11, 1989

8:30 a.m. Opening Remarks, Introduction
Maxwell B. Blanchard, Yucca Mountain Project Office

9:00 a.m. Characterization of infiltration
Alan Flint, Hydrologist, U.S. Geological Survey

10:30 a.m. Break

10:45 a.m. Measurement of unsaturated zone hydrologic properties

- Overview of matrix properties
  Alan Flint, Hydrologist, U.S. Geological Survey

- Air permeability testing-role of fractures

- In situ monitoring-measuring fluid-flow potential field
  Joseph P. Rousseau, Hydrologist, U.S. Geological Survey

11:45 a.m. Lunch

(over)
NWTRB HYDROGEOLOGY AND GEOCHEMISTRY PANEL MEETING

Monday, December 11, 1989 (continued)

5:00 p.m. Wrap-Up, Adjourn

Tuesday, December 12, 1989

8:30 a.m. Applicability of Laboratory Experiments

Arend Meijer, Geochemist, Los Alamos National Laboratory

Robert S. Rundberg, Geochemist, Los Alamos National Laboratory

10:30 a.m. Break

10:45 a.m. Overview of Effects of Repository Development

- Laboratory and field evidence: thermohydrological, mechanical, and geochemical effects of repository development (near- and far-field)

  Wm. (Bill) E. Glassley, Geochemist, Lawrence Livermore National Laboratory

- Radionuclide behavior at elevated temperatures, colloid behavior

  David Hobart, Actinide Chemist, Los Alamos National Laboratory

11:45 a.m. Adjourn