Agenda

Spring Board Meeting

April 21-22, 1993

Holiday Inn
1000 East 6th Street
Reno, Nevada 89512
(702) 786-5151

Wednesday, April 21, 1993

8:30 A.M.   Welcome and Opening Remarks
            John Cantlon, Chairman
            Nuclear Waste Technical Review Board (NWTRB)

8:35 A.M.   Office of Civilian Radioactive Waste Management (OCRWM)
            Report on the Status of the Waste Management System
            Lake Barrett, OCRWM

8:50 A.M.   Update on the Yucca Mountain Project
            Carl Gertz
            Yucca Mountain Site Characterization Project Office (YMPO)

10:00 A.M.  BREAK (15 minutes)

RESOLVING DIFFICULT ISSUES
EXAMPLE: INFILTRATION AND FUTURE CLIMATES

THE PROCESS DEFINED

10:15 A.M.  Session Introduction
            Warner North, NWTRB
Wednesday, April 21, 1993 - continued

10:25 A.M.  Overview of the Yucca Mountain Program Process
Max Blanchard, YMPO

11:00 A.M.  Climate and Infiltration Issues in Assessing the Suitability of Yucca Mountain
Jeremy Boak, YMPO

11:45 A.M.  Integration of the Site Program
Dennis Williams, YMPO

Management & Operating (M&O) Contractor's Role in Integrating the Site Program
Thomas Statton, M&O

12:15 P.M.  LUNCH

UPDATE ON STUDIES

1:30 P.M.  Session Introduction
Patrick Domenico, NWTRB

1:30 P.M.  Integration and Use of Climate and Hydrologic Data and Models
Dwight Hoxie
U.S. Geological Survey (USGS)

1:50 P.M.  Evidence of Past Climate Conditions
John Stuckless, USGS

2:20 P.M.  The Problem of Converting Precipitation into Infiltration
Martin Mifflin
Mifflin & Associates, Inc.

3:20 P.M.  BREAK (15 minutes)
Wednesday, April 21, 1993 - continued

3:35 P.M.  A Scientific Perspective on Understanding Unsaturated Zone (UZ) Infiltration and Climate Change
          Alan Flint, USGS

4:30 P.M.  Percolation in the UZ
          Joseph Rousseau, USGS

5:15 P.M.  Discussion

5:45 P.M.  RECESS UNTIL THURSDAY, April 22

Thursday, April 22, 1993

INTEGRATION OF DATA AND MODELS

8:00 A.M.  Session Introduction
           Patrick Domenico, NWTRB

8:05 A.M.  Modeling Can Have Nonunique Solutions
           Linda Lehman
           L. Lehman & Associates, Inc.

8:35 A.M.  Integration of Data and Models
           Jean Younker, M&O

8:55 A.M.  Modeling Flow in UZ Fractured Rocks
           Edward Kwicklis, USGS

9:40 A.M.  Three-Dimensional Site-Scale Model of UZ Flow at Yucca Mountain
           Gudmundur Bodvarsson
           Lawrence Berkeley Laboratory (LBL)
Thursday, April 22, 1993 - continued

10:20 A.M.  BREAK (15 minutes)

10:35 A.M.  Long-Term Climate Modeling
            Starley Thompson
            National Center for Atmospheric Research

11:05 A.M.  Confidence Building for Models
            Chin-Fu Tsang, LBL

11:50 A.M.  Qualification of Software
            Claudia Newbury, YMPO

12:10 P.M.  Application of Existing Data
            Susan Jones, YMPO

12:40 P.M.  LUNCH

RESOLVING THE ISSUE

1:40 P.M.   Session Introduction
            Warner North, NWTRB

1:45 P.M.   Deciding When Enough Is Enough
            Russell Dyer, YMPO

2:30 P.M.   Summation of the Process
            Max Blanchard, YMPO

2:45 P.M.   Discussion

3:45 P.M.   Closing Remarks and Adjournment
            John Cantlon, Chairman, NWTRB