



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

Agenda

Full Board Meeting
April 7, 1992

The Adolphus Hotel
Sam Rayburn Room
1321 Commerce Street
Dallas, TX 75202
(214) 742-8200

Tuesday, April 7, 1992

8:30 A.M.

Welcome

Don U. Deere, Chairman,
Nuclear Waste Technical Review Board

8:35 A.M.

Introduction

Carl Gertz, Department of Energy (DOE)

EARLY SITE SUITABILITY EVALUATION (ESSE)

8:45 A.M.

Introduction to Early Site Suitability Evaluation

[Stephen Brocoum](#), DOE

9:00 A.M.

Overview of Early Site Suitability Evaluation

[Jean Younker](#), Civilian Radioactive Waste Management
System, TRW (CRWMS/M&O)

10:00 A.M.

BREAK

10:15 A.M.

Geohydrology Technical Guideline

[Dwight Hoxie](#), U.S. Geological Survey (USGS)

11:00 A.M.

ESSE Peer Reviewer Remarks (Geohydrology)

[David Kreamer](#), University of Nevada, Las Vegas

11:15 A.M.

Disqualifying Condition of 10 CFR 960

Technical Guideline for Postclosure Tectonics

[William Dudley](#), USGS

-over-

12:00 P.M. **ESSE Peer Reviewer Remarks (Tectonics)**
[Walter Arabasz](#), University of Utah

12:15 P.M. **LUNCH**

TOTAL SYSTEM PERFORMANCE ASSESSMENT (TSPA) 1991

1:30 P.M. **Purpose and Scope of TSPA**
[Jeremy Boak](#), DOE

1:50 P.M. **Problem Definition**
[Holly Dockery](#), Sandia National Laboratories (SNL)
• problem domain
• boundary conditions

2:30 P.M. **Unsaturated Zone Hydrology Data Set and the Elicitation of Expert Opinion**
[Paul Kaplan](#), SNL

2:50 P.M. **BREAK**

3:05 P.M. **SNL Models: Assumptions, Methodology, Input Data, and Results**
[Michael Wilson](#), SNL
• aqueous and gaseous flow

3:45 P.M. [Ralston Barnard](#), SNL
• human intrusion and volcanism
• total-system CCDF construction

4:25 P.M. **Pacific Northwest Laboratory (PNL) Model: Assumptions, Methodology, Input Data and Results**
[Paul Eslinger](#), PNL
• aqueous and gaseous flow
• human intrusion
• volcanism
• tectonism
• total-system CCDF construction
• dose calculation results

5:25 P.M. **ADJOURN**