



UNITED STATES
NUCLEAR WASTE TECHNICAL REVIEW BOARD
1111 18th Street, N.W., Suite 801
Washington, D.C. 20036

Joint Panel Meeting

Risk & Performance Assessment Panel and Structural Geology & Geoenvironment Panel

March 19-20, 1990

Denver, Colorado

The purpose of the meeting is to review the strategy and basis for the development of the design requirements and conceptual design of the repository system.

Monday, March 19, 1990

8:00 a.m.

Introduction

Warner North, Member, NWTRB
Maxwell Blanchard, Director, Regulatory Site Evaluation,
DOE

Programmatic Basis for Design Requirements

Stephen Brocoum, Chief, Siting & Geosciences Branch, DOE

- Overview of the Federal Regulations
- Overview of Acceptance Schedule, Utility Contracts and Inventory Projections
- Programmatic and External Considerations, including MRS

10:00 a.m.

Break

Deriving Site Specific Performance and Design Requirements from 10 CFR 60

Michael Voegele, Technical Director, SAIC

- Performance Objectives
- Additional Repository Design Criteria
- Sealing Design
- Performance Confirmation

Monday, March 19, 1990

12:00 p.m.

Lunch

1:15 p.m.

(Note: Some of the following presentations may not be made until March 20, 1990 in the a.m., depending on length and duration of NWTRB questions.)

Repository & Exploratory Facility

- Design Requirements
Thomas E. Blejwas, SNL
- Baseline Design
Thomas O. Hunter, Technical Project Officer, SNL

3:00 p.m.

Break

3:15 p.m.

- Design Approach
 - Influence of Thermally-induced effects on repository design
Thomas E. Blejwas, SNL
 - Waste Characteristics and Inventory, Areal Power Density, and Layout Development
Eric E. Ryder, SNL
- Design Assessment
Thomas E. Blejwas, SNL

~~5:00 p.m. Adjourn~~

Site assessment Methodologies
Steve FrishMAN, Nevada Agency for Nuclear
Projects

Tuesday, March 20, 1990

8:00 a.m.

Waste Package

- Design Requirements
Lynden B. Ballou, LLNL

- Design Approach and Concepts
Leslie Jardine, Technical Project Officer, LLNL

- Design Assessments

- Thermal Analyses:

- Effect of Waste Form Variability
Lynden B. Ballou, LLNL

10:00 a.m.

Break

- Near-Field Thermal Effects
John J. Nitao, Hydrologist, LLNL

- Waste Container
Gary L. Johnson, Engineer, LLNL

- Criticality and Structural Analysis
Leslie Jardine, Technical Project Officer, LLNL

12:00 p.m.

Lunch

1:15 p.m.

Site Information Needed For Repository and Waste Package Design
Jean Younker, Principal Integrator, Regulatory and Site
Integration, DOE

Paratrac

Timothy G. Barbour, Regulatory Compliance Manager,
Science Applications International Corp

3:00 p.m.

Break

Site Assessment Methodology

Carl Johnson, Administrator of Technical Programs,
State of Nevada

5:00 p.m.

Adjourn