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Jerry Syzmanski
U.S. Department of Energy
Waste Management Project Office
Nevada Operations Office
P.O. Box 14100
Las Vegas, NV 89114

SUBJECT: Detailed Agenda for NNWSI-- NRC Waste Package Meeting

Dear Jerry:

The attached detailed agenda for next week's meeting is provided for your advance information. The note on page 2 will hopefully get you close enough to ask someone for further directions.

Yours truly,

Lynden B. Ballou
Waste Package Task Leader
Nuclear Waste Management

LBB/bb

cc: V. Witherill, WMPO
M. Frei, DOE/HQ
E. Gause, Weston
T. Jungling, NRC
P. Prestholt, NRC/LV
D. Schweitzer, BNL
M. Apted, PNL
C. Pflum, SAIC
L. Scully, SNL
G. dePoorter, LANL
M. Smith, RHO
J. Carr, ONWI

L. Ramspott
L. Hansen
J. Dronkers
D. McCright
V. Oversby
M. Revell
E. Russell
J. Yow

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Wednesday, July 24

8:30 - Waste Form Testing - Spent Fuel - V. Oversby
Approach to Testing & Results to Date
Isotopes of Concern
Release Rates
Cladding Degradation
Fuel Oxidation

10:00 - Break

10:15 - Spent Fuel - Continued
Modeling of Release Mechanisms
Comparison with Performance Objectives
Planned Testing
Discussion of Fuel Population
Proposed Test Matrix - Test Materials
Adequacy of Sampling

12:00 - Lunch - LLNL Cafeteria

1:00 - Waste Form Testing - Glass - V. Oversby
Unsaturated Testing
Procedure Development
Results to Date
Planned Testing
Supporting Tests and Experiments
Modeling of Release Mechanisms

2:30 - Break

2:45 - Reliability Considerations
Discussion of NRC Approach to Interpretation
of "substantially complete"
Approach to Reliability for Containment

3:30 - Summary and Development of Minutes

4:45 - Adjourn

Note to Attendees:

This meeting will be held on the LLNL site. To reach the Laboratory from the San Francisco Area, proceed east on I-580 past Livermore to the Vasco Rd. exit; south to East Ave.(2+miles); east .1 miles to entrance. Enter Bldg. 123 (Auditorium) just north of West Badge Office. Visitor parking is limited, park in any non-carpool space in the main West Lot.

AGENDA

NNWSI/NRC WASTE PACKAGE MEETING

**July 23-24, 1985
Building 123 - Conference Room A
Lawrence Livermore National Laboratory**

Tuesday, July 23

8:30 - Introductions

**NRC Participants
DOE & LLNL Participants
Others**

8:45 - Meeting Objectives & Agenda Overview

**NRC Objectives
DOE/LLNL Objectives
Agenda Overview and Arrangements**

9:00 - Update on Package Design Concepts - E. Russell

**Alternative Emplacement Geometries
Spent Fuel Internal Configurations
Thermal and Structural Analyses
WV/DWPF Containers**

10:00 - Potential Implications of MRS on NNWSI - L. Ballou

**Packaging Options
Storage and Transportation Considerations**

10:45 - Break

11:00 - Part 60.135(b) Excluded Materials - NRC

**Discussion of NRC Intent
Rationale for Implementing Criteria**

12:00 - Lunch - LLNL Cafeteria

1:00 - Container Material Testing - D. McCright

**Introduction and Overview
NNWSI Environmental Conditions
Anticipated Conditions and Uncertainties
Candidate Materials
Austenitic Stainless Steels and Copper Alloys
Conceptual Corrosion Models**

3:00 - Break

3:15 - Material Testing - Continued

**General and Localized Corrosion Testing
Stress Corrosion Testing
Planned Testing and Schedules**

4:45 - Adjourn