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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

NEVADA NUCLEAR WASTE STORAGE INVESTIGATION (NNWSI) PROJECT/NUCLEAR REGULATORY COMMISSION (NRC) WASTE PACKAGE TECHNICAL MEETING AGENDA

Enclosed is an agenda, developed by Lawrence Livermore National Laboratory (LLNL), for the subject meeting. We believe the agenda addresses the meeting objectives transmitted to you with my letter of June 11.

A list of suggested documents for NRC review prior to the meeting is also enclosed. Please let us know if you need copies of any of the publications.

Donald L. Vieth, Director
Waste Management Project Office

WMPO:JSS-1195

Enclosures:
As stated

cc w/encl:
L. D. Ramspott, LLNL, Livermore, CA
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N. K. Stablein, NRC, Washington, DC
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NNWSI Project/NRC Waste Package Meeting
Proposed Agenda - July 23-24, 1985

Introductions	1/4 hour
NRC Participants	
DOE/LLNL Participants	
Others	
Meeting Objective & Agenda Overview	1/4 hour
NRC Objectives	
DOE/LLNL Objective	
Agenda Overview	
Update on Conceptual Designs	1 1/2 hours
Emplacement Geometry	
Spent Fuel Internal Configurations	
WV/DHLW Containers	
MRS Packaging & Storage Implications	
Part 60 Excluded Materials	1/2 hour
Discussion of NRC Intent	
Rationale for Implementing Criteria	
Container Material Testing	3 hours
Conceptual Model for Corrosion in Tuff	
Environmental Conditions	
General & Localized Corrosion Testing	
Stress Corrosion Testing	
Planned Testing	
Waste Form Testing - Spent Fuel	3 hours
Approach to Testing	
Release Rates	
Cladding Degradation	
Fuel Oxidation	
Results to date	
Comparison with Part 60 Objectives	
Isotopes of Concern	
Discussion of Fuel Population	
Proposed Test Matrix	
Adequacy of Sampling	
Planned Testing	
Modeling of Releases	
Waste Form Testing - Glass	1 1/2 hours
Unsaturated Testing	
Procedure Development	
Results to Date	
Planned Testing	
Supporting Tests	
Modeling of Release Mechanisms	
Reliability Considerations	1 hour
Discussion of NRC Approach to "substantially complete"	
Approach to Reliability for Containment	
Summary and Development of Minutes	1 hour

UCRL 89988, "Selection of Candidate Canister Materials for High-Level Nuclear Waste Containment in a Tuff Repository"

UCRL 91804, "Behavior of Stressed and Unstressed 304L Specimens in Tuff Repository Environmental Conditions"

UCID 20174, "Electrochemical Determination of the Corrosion Behavior of Candidate Alloys Proposed for Containment of High Level Nuclear Waste in Tuff"

UCRL 91257, "Laboratory Experiments Designed to Provide Limits on the Radionuclide Source Term for the NNWSI Project"

UCRL 91464 (HEDL-SA-3288), "Radionuclide Release from PWR Fuels in a Reference Tuff Repository Groundwater"

HEDL-7452, "Evaluation of the Potential for Spent Fuel Oxidation under Tuff Repository Conditions"