



**Department of Energy**  
Washington, DC 20585

DEC 16 1987

Mr. John Linehan, Section Leader  
Projects Section  
Operations Branch  
Division of High Level Waste Management  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Linehan:

By letter dated November 30, 1987 we provided the current list of study plans for the three projects along with tentative issuance dates for your planning purposes. As you are aware, firm dates cannot be specified, particularly for the later Study Plans. At this time we can, however, provide reasonable estimates for the near-term. The enclosed list identifies those study plans that we expect to issue before or shortly after the issuance of the Consultation Draft Site Characterization Plans (CDSCPs).

At the plenary session on the CDSCPs, planned for January 27 and 28, 1988, we will provide an update on the schedule for issuance of near-term Study Plans, and we propose to continue to provide regular updates, perhaps quarterly.

If you have any questions on the schedule for Study Plans, please call me at 586-5003.

Sincerely,

Owen O. Thompson,  
Licensing Project Manager  
Office of Civilian Radioactive  
Waste Management.

Encl.: Near-Term Study Plans, 12/87

cc:

J. Parker, RW-24  
R. Stein, RW-23  
J. Bresee, RW-22

J. Anttonen, BWIP  
C. Gertz, WMPO  
J. Neff, SRPO



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Near-Term Study PlansNNWSI

- Water Movement Tracer Tests using Chloride & Chlorine-36 Measurements of Infiltration at Yucca Mountain
- Characterization of Yucca Mountain Percolation in the Unsaturated Zone - Exploratory Shaft Facility
- Characterization of the Structural Features Within the Site Area
- Characterization of the Quaternary Regional Hydrology
- Excavation Investigations
- Characterization of the Site Ambient Stress Conditions
- Characterize Chemical and Mineralogical Changes in the Post-Emplacement Environment

BWIP

- Study Plan for In Situ Stress Determination
- Study Plan for Evaluation of Opening Performance
- Study Plan for Thermal Properties Determination
- Study Plan for Mechanical Properties Determination
- Intraflow Structures Study Plan
- Site Groundwater Study Plan

SRPO

- Meteorology/Air Quality SSP
- Land Use SSP
- Background Environmental Radioactivity SSP
- Socioeconomics SSP
- Water Resources SSP
- Playa Studies
- Stratigraphic Boreholes

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