



# Department of Energy

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Repository Projects Branch  
Division of Waste Management  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

### NNWSI PROJECT/NRC WASTE PACKAGE TECHNICAL MEETING OBJECTIVES

NNWSI Project objectives for the July 23-24, 1985 technical meeting on the waste package are enclosed.

We are currently in the process of developing an agenda based on the enclosed meeting objectives, as well as discussions between NRC and LLNL representatives.

If possible we would appreciate receiving the NRC objectives by June 17 so that we can proceed with detailed preparations for the meeting.

Please do not hesitate to contact us if we can be of assistance in this matter.

Donald L. Vieth, Director  
Waste Management Project Office

WMPO:JSS-1090

Enclosure:  
As stated

cc w/encl.:

- V. J. Cassella, DOE/HQ (RW-22), FORSTL
- P. T. Prestholt, NRC, Las Vegas, NV
- N. K. Stablein, NRC, Washington, D.C.
- L. D. Ramspott, LLNL, Livermore, CA
- L. B. Ballou, LLNL, Livermore, CA
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## NNWSI Project/NRC Waste Package Meeting

### Objectives

1. Describe recent experimental work on tuff dehydration - rehydration and the potential implications for the isolation period package environment. Explore NRC views on the treatment of these effects in package performance assessment.
2. Describe the approach being taken to spent fuel testing and the results obtained to date. Explore the NRC position on what constitutes a sufficient sampling of the existing and projected fuel population in the testing matrix.
3. Describe the NNWSI unsaturated test procedure and the results obtained to date. Establish NRC understanding of, and agreement with, adequacy of tests planned with this procedure.
4. Establish a common understanding on the approach to reliability as it relates to the containment performance objectives.
5. Describe recent work with stainless steels and copper alloys as potential container materials. Establish NRC understanding of the approach taken and solicit comments on the planned FY 86 testing plans.
6. Discuss the implications of packaging and storage of spent fuel and/or HLW in a tuff disposal container at an MRS facility.