Department of Energy
Nevada Operations Office
P. O. Box 14100
Las Vegas, NV 89114-4100

OCT 11 1985

Paul T. Prestholt
Site Representative
U. S. Nuclear Regulatory
Commission
1050 E. Flamingo
Suite 319
Las Vegas, NV 89119

SAMPLE REQUEST PRESENTATION

Thank you for your presentation of the U. S. Nuclear Regulatory Commission (NRC) sample request before the Sample Overview Committee (SOC). Your discussion helped to more completely explain the proposed use of the samples and data generated from the studies.

As we discussed during your presentation, the SOC recommends that material from the proposed repository horizon be used for the studies. Additionally, the SOC recommends that these studies be coordinated with Virginia Oversby of Lawrence Livermore National Laboratories for waste package, Bill Wilson of U. S. Geologic Survey for water, and Arend Meijen for geochemistry. Each organization could provide information and/or analysis of some subset of the samples that you have requested, and the data could have a much broader application with the coordinated approach.

The level of cleanliness of the container for the J-13 water is of particular concern to the SOC. Trace levels of some contaminants could influence the results of the proposed studies. The SOC recommends that the NRC obtain laboratory-grade containers with a known level of cleanliness/contamination. Although a single teflon-lined 55 gallon drum could be used to collect the water sample, several smaller containers that can be sealed should keep the water closer to the collection conditions.

The next SOC meeting is scheduled for November 13, 1985. Please advise me of your decision. Thanks again for the presentation.

Sincerely,

Mary S. Clanton

Mel S. Clanton
Chairman, Sample Overview Committee
Geologic Investigations Branch
Waste Management Project Office

WMPO:USC-150

8512110580 851016
PDR WASTE
WM-11 PDR

cc:
V. J. Cassella, DOE/HQ (RW-22) FORSTL
B. A. Carlos, LANL, Los Alamos, NM
D. T. Oakley, LANL, Los Alamos, NM
P. L. Aamodt, LANL, Los Alamos, NM
W. E. Glassley, LLNL, Livermore, CA
L. D. Ramspott, LLNL, Livermore, CA
F. B. Nimick, SNL, 6313, Albq., NM
T. O. Hunter, SNL, 6310, Albq., NM
G. L. Dixon, USGS, Las Vegas, NV
T. H. Hait, USGS, Las Vegas, NV
R. B. Raup, USGS, Denver, CO
W. W. Dudley, Jr., USGS, Denver, CO
M. E. Spaeth, SAIC, Las Vegas, NV
J. H. Fiore, SAIC, Las Vegas, NV
D. L. Vieth, WMPO, DOE/NV