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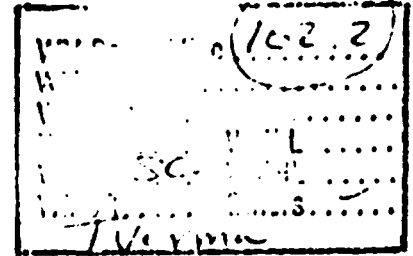
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JAN 7 1982



Seth Coplan
High-Level Waste Management Development Branch
Division of Waste Management
U.S. NRC
Washington, DC 20555

Per our telephone conversation involving yourself, Bill Dudley and me, I am forwarding to you the background information for you and your contractor to use in preparation for our workshop on hydrology. Attached is a listing of the documents in the package. This package is being sent to:

Tilak Verma
7915 Eastern Avenue
Silver Spring, MD 20910

We will finalize the agenda by the middle of next week.

Donald L. Vieth, Director
Waste Management Project Office

WMPO:DLV-218

Enclosure:
As stated

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List of References
provided to NRC prior to
NNWSI HYDROLOGY BRIEFING FOR NRC
January 18-19, 1983
Denver, Colorado

Ref.
No.

1. Letter, Dixon to Nelson (09-25-81)--Summary of status of U.S. Geological Survey studies at the Yucca Mountain area, FY 81.
2. Letter, Dudley to Vieth (09-23-82)--Summary of status of U.S. Geological Survey studies at Yucca Mountain, FY 82.
4. Report--Waddell, R. K., in press, Two dimensional steady-state model of ground-water flow, Nevada Test Site and vicinity, Nevada-California: U.S. Geological Survey Water-Resources Investigation 82-4085, 72 p.
6. Report--Spengler, R. W., Byers, F. M., and Warner, J. B., 1981, Stratigraphy and structure of volcanic rocks in drill hole USW-G1, Yucca Mountain, Nye County, Nevada: U.S. Geological Survey Open-File Report 81-1349, 50 p.
8. Report--Sass, J. H., and Lachenbruch, A. H., 1982, Preliminary interpretation of thermal data from the Nevada Test Site: U.S. Geological Survey Open-File Report 82-973, 30 p.
10. Map (1:12,000)--Location of test wells and static water levels, Yucca Mountain.
11. Tables and illustrations from manuscript--Data for hydrologic tests in well USW-H1 Nevada Test Site, Nye County, Nevada.
12. Table--Summary of data for observation wells in hydrologic network.
15. Table--Analytical results for water samples from wells near Yucca Mountain.
19. Table--Hydrologic data needed to address key issue of water travel time in the unsaturated zone.
20. Report--Winograd, I. J., 1981, Radioactive waste disposal in thick unsaturated zones: Science, v. 2/2, no. 4502, p. 1457-1464.
21. Report--Iman, R. L., Stephens, H. P., Davenport, J. M., Waddell, R. K., and Leap, D. I., 1980, Sensitivity study on the parameters of the regional hydrology model for the Nevada Nuclear Waste Storage Investigations, in Proceedings of the 1979 DOE Statistical Symposium: Oak Ridge National Laboratory, CONF-791016, p. 44-61.