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J. J. Linehan
NTS Section Leader
Repository Project Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

U.S. DEPARTMENT OF ENERGY NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS (NNWSI) PROJECT REPORTS ON YUCCA MOUNTAIN

In response to requests from the Nuclear Regulatory Commission (NRC), three reports are enclosed which related to the Nevada Nuclear Waste Site Investigation (NNWSI) Project's site at Yucca Mountain, Nevada. The subjects of these reports were discussed in the meeting between the NNWSI Project and the NRC Staff in August 1985 and are referenced in the letter, Linehan to Vieth, December 31, 1985.

The three reports are:

1. Sandia National Laboratories, Keystone Document 6310-85-1, "Recommended Matrix and Rock Mass Bulk, Mechanical, and Thermal Properties for Thermo-mechanical Stratigraphy of Yucca Mountain," Version 1, October 1984.
2. Sandia Report SAND84-1076, "A Three-Dimensional Model of Reference Thermal/Mechanical and Hydrological Stratigraphy at Yucca Mountain, Southern Nevada," October 1984.
3. Sandia Report SAND84-1011, "Uniaxial and Triaxial Compression Test Series on Topopah Spring Tuff from USW G-4, Yucca Mountain, Nevada," December 1985.

An update of the NNWSI Project's response to your April 1983 request for information concerning the exploratory shaft design and construction and the status of open items from the August 1985 meeting is being prepared and will be transmitted to you separately.

Please address any questions on this subject to Mr. J. S. Szymanski at FTS 575-1503.

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Donald L. Vieth, Director
Waste Management Project Office

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J. J. Linehan

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Enclosures:
As stated

cc w/encl:
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cc w/o encl:
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