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Dr. Donald Vieth,  
Director  
Waste Management Project Office  
U. S. Department of Energy  
Nevada Operations Office  
P. O. Box 14100  
Las Vegas, NV 89114

Dear Dr. Vieth:

In my letter of June 7, 1984 to you I proposed that a NNWSI Geology data review be held at a time to be negotiated. After discussions with Jerry Szymanski by telephone it appears that such a data review might conveniently be held in the latter part of August. I would therefore like to suggest that it take place during the weeks of August 20 and August 27.

I have suggested allowing two weeks for this review based upon my understanding that the information of interest to the NRC staff is located in several different places (Denver, Las Vegas, and Menlo Park), necessitating considerable travel by the data review team. Among the items we are especially interested in seeing are the results of geologic mapping being done at the Yucca Mountain site, the site trenches and trench data, and the geophysical data obtained on and around Yucca Mountain. In particular, we would like to see data pertaining to (1) the calibration of the current seismic velocity crustal model; (2) the effect of crustal model variations on hypocenters, mechanisms, etc; (3) geodetic control-horizontal and vertical; (4) monument surveys: interval between surveys, the quality (first, second, or third order), and relative movement; and (5) Holocene and induced faulting.

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I look forward to your confirmation of the proposed dates for this review or to your suggestion for an alternate time. If you have any questions about this proposal, please feel free to call King Stablein or myself.

Sincerely,

**"ORIGINAL SIGNED BY"**

Seth Coplan, Section Leader  
 NTS Project Section  
 Repository Projects Branch  
 Division of Waste Management  
 Office of Nuclear Material  
 Safety and Safeguards

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