

November 15, 2005

Joseph D. Ziegler, Director
Office of Licensing Application and Strategy
Office of Repository Development
Department of Energy
1551 Hillshire Drive
North Las Vegas, NV 89134-6321

SUBJECT: REQUEST FOR YUCCA MOUNTAIN VELOCITY DATA

Dear Mr. Ziegler:

This letter serves as a request that Department of Energy (DOE) provide velocity data from its conventional downhole and suspension seismic surveys at the Yucca Mountain, Nevada, proposed High-Level Waste Repository Site. These data form an important basis for the velocity models developed by DOE for the site. Specifically, we would like to obtain the waveform data, in electronic format, for the conventional downhole and suspension seismic surveys. The data sets are referenced in the report "Geotechnical Data for a Potential Waste Handling Building and for Ground Motion Analyses for the Yucca Mountain Site Characterization Project (ANL-MGR_GE-00000 Rev 00)."

The reference to the downhole waveform data is on page 45 of the report: "Complete sets of the shear- and compression-wave signals are contained in Scientific Notebooks SN-M&O-SCI-024-V1, (Wong 2002b), and SN-M&O-SCI-024-V2 (Luebbers 2002c)."

The reference to the suspension waveform data is on page 87: "The raw and filtered waveforms are reported in Scientific Notebooks SN-M&O-SCI-024-V1 (Luebbers 2002a) and SN-M&O_SCI-024-V2 (Luebbers 2002b)."

If there are any questions regarding this letter, please contact Daniel Rom of my staff at 301-415-6704, or by e-mail at dsr@nrc.gov.

Sincerely,

/RA/ N. K. Stablein for E. Collins

Elmo Collins, Director
Licensing and Inspection Directorate
Division of High-Level Waste Repository Safety
Office of Nuclear Material Safety
and Safeguards

Letter to Joseph D. Ziegler from C. W. Reamer dated: November 15, 2005

cc:

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P. Johnson, Citizen Alert

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