

August 16, 2005

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

SUBJECT: REQUEST FOR COORDINATE LOCATIONS FOR SPECTRAL ANALYSIS OF
SURFACE WAVES SURVEYS

Dear Mr. Ziegler:

This letter serves as a request to obtain the coordinate locations for the Department of Energy (DOE) Spectral Analysis of Surface Waves (SASW) surveys, as well as the corresponding projection, e.g., North American Datum 27, Universal Transverse Mercator, presented in BSC 2002 (Geotechnical Data for a Potential Waste Handling Building and for Ground Motion Analyses for the Yucca Mountain Site Characterization Project, ANL-MGR-GE-000003 REV 00). The coordinate locations for the SASW surveys were not provided in the referenced report. Further, we were unable to obtain the locations from the map showing the locations of the SASW surveys in the report because the map was not drawn to scale.

We plan to incorporate the SASW velocity data in our 3D EarthVision site property model. In order to accurately depict these data we request the locations of the SASW profiles. We intend to use our EarthVision model in evaluations of DOE site response.

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

Sincerely,

/RA/

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

cc: See attached list.

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*See Previous Concurrence

OFC	NMSS		NMSS		NMSS	
NAME	JBradbury*		DRom		ECollins	
DATE	08/11/05		08/16/05		08/16/05	

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Letter to J.D. Ziegler from E. Collins dated: August 16,2005

cc:

A. Kalt, Churchill County, NV	A. Elzeftawy, Las Vegas Paiute Tribe
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E. von Tiesenhausen, Clark County, NV	R. Murray, DOE/ORD
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D. Swanson, Nye County, NV	S.A. Wade,, DOE/ORD
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M. Simon, White Pine County, NV	A. Benson, DOE/ORD
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R. Herbert, NV Congressional Delegation	S. Cereghino, BSC
M. Murphy, Nye County, NV	B. Gattoni, Burns & Roe
S. Joya, NV Congressional Delegation	E. Mueller, BSC
K. Kirkeby, NV Congressional Delegation	J. Mitchell, BSC
R. Loux, State of NV	D. Beckman, BSC/B&A
S. Frishman, State of NV	A. Alfano, Lincoln County, NV
S. Lynch, State of NV	J. Kennedy, Timbisha Shoshone Tribe
P. Guinan, Legislative Counsel Bureau	B. Durham, Timbisha Shoshone Tribe
R. Clark, EPA	R. Arnold, Pahrump Paiute Tribe
R. Anderson, NEI	J. Birchim, Yomba Shoshone Tribe

cc: (Continued)

R. McCullum, NEI

S. Kraft, NEI

J. Kessler, EPRI

D. Duncan, USGS

R. Craig, USGS

W. Booth, Engineering Svcs, LTD

C. Marden, BNFL Inc.

J. Bacoeh, Big Pine Paiute Tribe of the Owens Valley

P. Thompson, Duckwater Shoshone Tribe

T. Kingham, GAO

D. Feehan, GAO

E. Hiruo, Platts Nuclear Publications

G. Hernandez, Las Vegas Paiute Tribe

K. Finrock, NV Congressional Delegation

P. Johnson, Citizen Alert

A. Capoferri, DOE/Washington, DC

J. Williams, DOE/Washington, DC

A. Robinson, Robinson-Seidler

M. Plaster, City of Las Vegas

D. Wilson, Sen. Reid's Office

L. Lehman, T-REG, Inc.

W. Barnard, NWTRB

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R. Holden, NCAI

C. Meyers, Moapa Paiute Indian Tribe

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J. C. Saulque, Benton Paiute Indian Tribe

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D. Eddy, Jr., Colorado River Indian Tribes

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I. Zabarte, Western Shoshone National Council

S. Devlin

G. Hudlow

D. Irwin, Hunton & Williams

P. Golan, DOE