

MAY 06 1993

MEMORANDUM FOR: Joseph J. Holonich, Director
Repository Licensing and Quality Assurance
Project Directorate
Division of High-Level Waste Management

FROM: Charlotte Abrams, Senior Project Manager
Repository Licensing and Quality Assurance
Project Directorate
Division of High-Level Waste Management

SUBJECT: FORTHCOMING NUCLEAR REGULATORY COMMISSION/U.S. DEPARTMENT OF ENERGY (DOE) TECHNICAL EXCHANGE ON GEOPHYSICAL INTEGRATION*

DATE: June 8, 1993

TIME: 8:00 a.m. - 5:00 p.m.

LOCATION: Tropicana Hotel
3801 South Las Vegas Blvd.
Las Vegas, NV 89111
(702) 739-2222**

PURPOSE: To hold discussions on DOE efforts related to the integration of geophysical tests and activities for site characterization of Yucca Mountain.

PARTICIPANTS:

<u>NRC</u>	<u>DOE</u>	<u>State of Nevada</u>
C. Abrams	T. Bjerstedt	C. Johnson
A. Ibrahim	S. Leroy	S. Frishman
K. McConnell		T. Hickey, NV Legislative Committee

* Interactions between NRC and DOE are open to members of the public, Petitioners, intervenors, or other interested parties wishing to attend as observers pursuant to the spirit of "Open Meeting Statement of NRC Staff Policy," 43 Federal Register 28058, dated June 28, 1978, which details the open meeting policy for applicants and licensees.

** A block of rooms has been reserved for persons attending the technical exchange and wishing to stay at the Tropicana Hotel.

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Affected Local Governments

M. Murphy, Nye County, NV
 D. Bechtel, Clark County, NV
 V. Poe, Mineral County, NV
 C. Schank, Churchill County, NV
 R. Williams, Lander County, NV
 B. Mettam, Inyo County, CA

M. Baughman, Lincoln County, NV
 F. Sperry, White Pine County, NV
 P. Niedzielski-Eichner, Nye County, NV
 L. Fiorenzi, Eureka County, NV
 L. Vaughan II, Esmeralda County, NV
 L. Bradshaw, Nye County, NV

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Charlotte E. Abrams, Senior Project
 Manager
 Repository Licensing and Quality
 Assurance Directorate
 Division of High-Level Waste Management

cc: S. Goldberg, OMB
 D. Weigel, GAO
 P. Meyer, NAS
 W. Barnard, NWTRB

Enclosure: Technical Exchange Agenda

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AGENDA
U.S. DEPARTMENT OF ENERGY - U.S. NUCLEAR REGULATORY COMMISSION
TECHNICAL EXCHANGE ON GEOPHYSICS INTEGRATION
June 8, 1993
Las Vegas, Nevada
8:00 a.m. - 5:00 p.m.

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|--------------------------------------|---------------------------------------|
| 1. Opening Comments | DOE/NRC/State of NV/Affected Counties |
| 2. Geophysics Integration Initiative | DOE/M&O |
| a. Long-range planning | |
| b. Geophysics White Paper, 1990 | |
| c. Integration activity | |
| d. FY 1993, 1994 activities | |
| e. FY 1995-1999 activities | |

BREAK

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|--|--------------|
| 3. Overview of key geophysical activities | DOE |
| a. Vertical seismic profiling, tomographic studies | USGS/CSM/LBL |
| - C-wells | |
| - UZ-16 | |
| b. Gravity and magnetics | USGS |

LUNCH

- | | |
|------------------------|-----------|
| c. Geophysical logging | SAIC/USGS |
| - Integration | |
| - Standard logs | |
| - Prototype logs | |
| d. Seismic activities | USGS |
| - Reflection | |
| - Refraction | |
| e. Electrical methods | SAIC |

f. Other investigations USGS

- Southern Great Basin seismic network
- Strong motion studies
- Geodetic leveling
- Teleseismic studies
- Heat flow studies
- Other (in-situ stress, etc.)

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4. Plans for integration of geophysical program DOE/M&O/USGS/LANL

- a. Stratigraphy, structure tectonics
- b. Fault displacement hazards
- c. Igneous activity hazards
- d. Natural resources

5. SCA Comment discussion DOE/NRC

6. Closing comments DOE/NRC/State of NV/Affected Counties