SUMMARY OF NRC-DOE TECHNICAL EXCHANGE ON TECTONICS September 26, 1989 Forrestal Building, Washington, D. C.

Agenda: See Attachment 1

List of Attendees: See Attachment 2

Summary:

On September 26, 1989, staff members from the U. S. Nuclear Regulatory Commission (NRC) and the U. S. Department of Energy (DOE) conducted a technical exchange of information regarding tectonic models. One of the objectives of the technical exchange was to discuss DOE's draft comments on NRC's draft Technical Position on tectonic models that were sent to NRC in a September 20, 1989 letter. Another objective was to discuss other topics important to tectonic models as listed on Attachment 1. These discussions also addressed the definition of terms such as tectonic models, anticipated processes and events and unanticipated processes and events, deterministic and probabilistic methods, and conservatism. While the State of Nevada participated in preparing the agenda for this technical exchange, no representatives were able to attend the technical exchange.

Both NRC and DOE concluded that the discussions facilitated DOE's understanding of NRC's draft Technical Position on tectonic models, NRC staff's understanding of DOE's draft comments on the draft Technical Position, and mutual understanding of each others preliminary staff views on the specific topics discussed. Finally, ideas were exchanged for the next technical exchange on tectonics in October. DOE suggested that the schedule for the technical exchange be changed to October 21, 1989 through November 2, 1989 to allow for participation by the U. S. Geological Survey.

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## DRAFT AGENDA

## Tectonics Technical Exchange

September 26, 1989 - Forrestal Bldg., Wash. D.C., Rm. GH027, 8:30 am to 5:00 pm

## Agenda Items for Morning of September 26, 1989

Opening Remarks (DOE/NRC/State)

Discussion of NRC's Draft Technical Position on Tectonic Models

DOE Comments

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State Comments

NRC Response

| Agenda Items for Afternoon of September 26, 19 |
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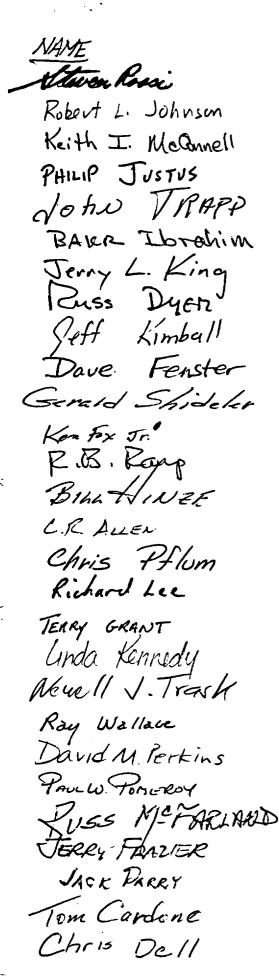
Tectonic Model Strategy - Technical Perspective

Technical Topics Related to Tectonic Models (DOE/NRC/State)

- 1. Adequacy of DOE Date Collection Program (Scope, Completeness, Focused Program)
- 2. Use of Tectonic Models to Integrate Data
- 3. Types of Data to be Considered in Tectonic Model Development
- 4. Use of Probabilistic Techniques to Evaluate Tectonic Models

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Attachment 2



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REPRESENTING DOE / HQ NRC/ HLPD WRC/HLGP U.S.NRC/HLOP Geology-Geoflysio 17 C SAIC DGE/Ym? DOE HA DOE/HQ- Weston USGS Geol. Div. USES / Gal. Dir. USES / Ger Div ACOW NUTRB + BRWM SAIL SAIC SAIC Newman # Holtainger KSGS USGS-HQ DOE-HQ USGS-Geologic Division ACNW-NRC CONSULTANT NWTRB SAIC ACNW - STR FF NRCHLGP

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ROPRESENTING

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