

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.

Robert L. Johnson 11/15/89

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Repository Licensing and Quality
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Steven H. Rossi 11/16/89

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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

State Comments

NRC Response

Agenda Items for Afternoon of September 26, 1989

Tectonic Model Strategy - Technical Perspective

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

1. Adequacy of DOE Data 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

Tom's Technical Exchange
September 26, 1989

Attachment 2

<u>NAME</u>	<u>REPRESENTING</u>	<u>PHONE</u>
Steven Rossi	DOE/HQ	202-586-9433
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Russ Dyer	DOE/ym?	702-794-7586
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Ken Fox Jr.	USGS / Geol. Div.	FTS - 776-1258
R.B. Rapp	USGS / Geol Div	FTS - 776-1272
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Chris Pflum	SAIC	FTS 544-7659
Richard Lee	SAC	FTS 544-7134
TERRY GRANT	SAIC	FTS 544-7647
Linda Kennedy	Newman & Holtzinger	955-6600
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David M. Perkins	USGS-Geologic Division	FTS 776-1616
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Tectonic Models Technical Position Tech. Ex.

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