

JUL 09 1985

WM-11/AE/85/07/08

- 1 -

MEMORANDUM FOR: Those on Attached List

FROM: Atef Elzeftawy
Repository Projects Branch
Division of Waste Management

SUBJECT: MEETING OF PANEL OF EXPERTS ON PROBABILITY (FIN A-1165)

Distribution:
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Sandia National Laboratory (SNL) under NRC contract FIN A-1165 (Task 3) has assembled a panel of experts (see the enclosed list of names) to review methods and techniques for assigning probabilities to various geologic processes and events that will be of interest in HLW repository licensing. The results of this effort will be documented in a formal report.

On July 19, 1985, the panelists will meet in Silver Spring, in the Willste Building Conference Room 106-110, to exchange information and discuss problems. Each panelist will describe, briefly, his progress, and more extensively, any technical problems encountered in the first phase of literature review. Each presentation will be followed by a panel discussion aimed at suggesting possible resolution and applications to other areas of consideration. Although this meeting is intended primarily as a working meeting for the panelists, because of anticipated staff interest, two periods have been scheduled for NRC Staff/Panel interaction (see enclosed agenda).

Please, feel free to contact me if you have any question.

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Atef Elzeftawy
Repository Projects Branch
Division of Waste Management

Enclosures:

1. SNL Panel of Experts
2. Agenda

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WM Project 10.11.16
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(Re: to WM, 623-SS)

DFC :WMRP: <i>sl</i>	:WMRP:	:	:	:	:	:
NAME :AEIzeftawy	:SCoplan	:	:	:	:	:
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Addressees for Memorandum dated _____.

R. Browning
 M. Bell
 H. Miller
 J. Bunting
 J. Greeves
 M. Knapp
 S. Coplan
 D. Fehringer
 M. Gordon
 J. Randall
 K. Chang
 J. Hunt
 R. Code11
 J. Trapp
 P. Brooks
 N. Coleman
 J. Pohle
 L. Kovach
 A. Ibrahim
 J. Bradbury
 P. Justus
 M. Nataraja

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NAME	: AEIzeftawy	: SCoplan	:	:	:	:	:
DATE	: 07/07/85	: 07/ /85	:	:	:	:	:

SNL PANEL OF EXPERTS

NRC FIN A-1165

Name	Subject	Affiliation
Dr. John Mann	Mathematical Geology	Unv. of Illinois
Dr. Bob Budnitz	Regualtory Concerns	Pres. Future Resources
Dr. Jay Conover	Probability and Statistics	Texas Tech.
Dr. Hubert Einstein	Mining Engineering	MIT
Dr. Greg Baecher	Mining Engineering	MIT
Dr. John Harbaugh	Resource Exploration	Stanford
Dr. Michael King	Thermomechanical Effects	LBL
Dr. Alexander McBirney	Volcanology	Unv. of Oregon
Dr. Jonanthan Callender	Seismicity and Tectonics	NM Museum of Natural History
Dr. Tom Webb	Climatology	Brown Unv.
Dr. Allen Gutjahr	Hydrology	NM Tech.

AGENDA
SECOND PANEL MEETING
U.S. Nuclear Regulatory Commission
7915 Eastern Avenue
Silver Spring, MD 20910

July 19, 1985

8:00 a.m. Atef Elzeftawy (Chairman) Welcome and Remarks

8:10 a.m. Regina Hunter - Introductory Remarks

DISCUSSION OF REPORT CONTENT AND CURRENT PROBLEMS

8:30 a.m. Regina Hunter - Introduction of Report

9:00 a.m. John Harbaugh - Ch. 2, Resource Exploration

9:50 a.m. Break

10:05 a.m. Michael King - Ch. 3, Thermomechanical Effects

10:55 a.m. Greg Baecher/H. H. Einstein - Ch. 4, Mining Engineering

11:45 a.m. Panel Discussion - Introduction, Ch. 4

12:05 a.m. NRC/Panel Interaction

12:35 a.m. Lunch

1:15 p.m. Alan Gutjahr - Ch. 5, Hydrology

2:05 p.m. Tom Webb (R. L. Hunter) - Ch. 6, Climatology

2:35 p.m. Break

2:50 p.m. Jon Callender - Ch. 7, Seismicity and Tectonics

3:40 p.m. Alex McBirney (Jon Callender?) - CH. 8, Volcanology

4:10 p.m. Panel Discussion - Chs. 5-8

4:30 p.m. NRC/Panel Interaction

5:00 p.m. Adjourn