

APR 13 1992

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APRIL TECH EXCH/MTG NOTICE

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MEMORANDUM FOR: Robert L. Johnson, Acting Section Leader  
Systems Engineering and Special Projects  
Section  
Repository Licensing and Quality Assurance  
Project Directorate  
Division of High-Level Waste Management

FROM: Michael P. Lee, Project Manager  
Systems Engineering and Special Projects  
Section  
Repository Licensing and Quality Assurance  
Project Directorate  
Division of High-Level Waste Management

SUBJECT: FORTHCOMING NUCLEAR REGULATORY COMMISSION/U.S.  
DEPARTMENT OF ENERGY (NRC/DOE) TECHNICAL EXCHANGE

DATES: April 28-29, 1992  
8:00am - 5:00pm

LOCATION:\* AMFAC Hotel  
2910 Yale Blvd., S.E.  
Albuquerque, New Mexico 87119

PURPOSE: On April 28-29, 1992, the NRC and DOE will conduct a technical exchange to discuss technical and regulatory issues related to the methods for developing and screening scenarios and the construction of a Complementary Cumulative Distribution Function (CCDF). The technical exchange will address the current operational definition of scenarios, how scenarios are to be generated from elemental processes and events, what initial set of processes and events should be considered, and appropriate methods for screening scenarios. The technical exchange will also address the use of a definition of scenarios that is consistent with the logic needed to construct a CCDF, and the use of expected partial performance measures to guide site characterization. Finally, the treatment of human intrusion will be discussed and whether it is appropriate to treat human intrusion separately from the processes and events that are included in a CCDF.

PARTICIPANTS: NRC  
S. Coplan, N. Eisenberg J. Park M. Lee

DOE  
P. Bunton J. Boak T. Bjerstedt S. Borg

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STATE OF NEVADA

R. Loux

C. Johnson, et al.

AFFECTED LOCAL GOVERNMENTS

S. Bradhurst, Nye County, NV  
M. Baughman, Lincoln County, NV  
D. Bechtel, Clark County, NV  
D. Weigel, GAO  
P. Niedzielski-Eichner, Nye County, NV  
C. Thistlethwaite, Inyo County, CA  
V. Poe, Mineral County, NV  
F. Sperry, White Pine County, NV  
R. Williams, Lander County, NV  
P. Goicoechea, Eureka County, NV  
L. Vaughan II, Esmeralda County, NV  
C. Schank, Churchill County, NV  
T. Hickey, Nevada Legislative Committee

Original Signed by

Michael P. Lee, Project Manager  
Systems Engineering and Special Projects  
Section  
Repository Licensing and Quality Assurance  
Project Directorate  
Division of High-Level Waste Management

Enclosure: As stated

- \* Meetings between NRC technical staff 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.

DISTRIBUTION

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MFederline	CAbrams	SCoplan	NEisenberg	JPark
MSilberberg	TMcCartin	TMargulies		

OFC :HLPD	:HLHP	:HLHP	:HLHP	:HLPD	RU for :
NAME:MLee MDC	:NEisenberg	:SCoplan	:Federline	:KStablein	:
Date:04/1/92	:04/9/92	:04/9/92	:04/9/92	:04/9/92	:

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**APR 13 1992**

**ENCLOSURE**

**PROPOSED AGENDA  
NRC/DOE TECHNICAL EXCHANGE ON SCENARIO DEVELOPMENT AND  
SCREENING AND CONSTRUCTION OF A COMPLEMENTARY CUMULATIVE  
DISTRIBUTION FUNCTION (CCDF)**

**AGENDA ITEM**

**DISCUSSION LEAD**

**April 28, 1992**

- |  |                 |
|--|-----------------|
| ◦ Opening Remarks  | DOE, NRC, State |
| ◦ NRC Performance Assessment Concerns<br>(re: DOE Site Characterization Plan,<br>NRC Site Characterization Analysis<br>(SCA), DOE Response to SCA) | NRC             |
| ◦ Current Status of DOE Response to NRC<br>Concerns  | DOE             |
| ◦ Definitions of Scenarios and Conceptual<br>Models  | A11*            |
| ◦ Types and Treatment of Uncertainties   | A11*            |
| ◦ Generation of Scenarios  | A11*            |

**April 29, 1992**

- |   |       |
|---|-------|
| ◦ Generation and Construction of the CCDF** | A11*  |
| ◦ Example Application                       | A11*  |
| ◦ State of Nevada Comments                  | State |
| ◦ Summary Remarks                           | A11   |
| ◦ Adjourn                                   |       |

\* DOE lead with comparable discussion by NRC, as appropriate, followed by open discussion.

\*\* Includes discussion of NRC's so-called "three-bucket approach."