



Department of Energy
Washington, DC 20585

JUL 27 1987

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Division of Waste Management
Office of Nuclear Material
Safety and Safeguards
U.S. Nuclear Regulatory Commission
Mail Stop 623-SS
Silver Spring, Maryland 20555

WM Record File 109.2 WM Project 1
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Dear Mr. Linehan:

This letter reconfirms previous notification (July 2, 1987 memo from Norman Eisenberg to distribution) of the upcoming Performance Assessment/Safety Assessment (PA/SA) Coordinating Group meeting, to be held on August 4, 1987, at the DOE Headquarters, Forrestal Building, Room BE069, Washington D. C. Attached is an updated tentative agenda for the meeting. This meeting will be open to attendance and participation by representatives of States, affected Indian Tribes, and the NRC.

On August 5 and 6 concurrent meetings will be conducted on postclosure performance assessment and preclosure safety assessment in Rooms BE069 and 2E081, respectively; these meetings will be open only to the DOE staff and contractors, because of the predecisional nature of the discussions. Agendas for these meetings are also attached.

Any comments on or suggested changes to the agenda should be directed to the chairman of the PA/SA Coordinating Group, Norman A. Eisenberg (202-586-1239) or Tony Eng (202-586-1715) in writing or by telephone. Any additional questions about the agenda or about these meetings may also be addressed to these members of my staff.

Donald A. Alexander for
Ralph Stein, Director
Division of Engineering and Geotechnology
Office of Civilian Radioactive Waste Management

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**TENTATIVE AGENDA for
PA/SA COORDINATING GROUP MEETING
AUGUST 4, 1987**

August 4, 1987 - Open Session

1. PREFATORY MATERIAL

- | | | |
|------------------------------------------|--------------|------|
| 1.1 Introductory remarks | R. Stein | 0900 |
| 1.2 Opening of PACG Meeting | N. Eisenberg | 0905 |
| 1.3 Review of agenda and operating rules | N. Eisenberg | 0910 |

2. ONGOING DOE/HQ COORDINATION ACTIVITIES

- | | | |
|----------------------------------------------------------------------------------------------|--------------|------|
| 2.1 Overview of FRAM Program and ACD Safety Assessment Procedures Guide Development | T. Eng | 0915 |
| 2.2 International activities with DOE/HQ lead (HYDROCOIN, INTRAVAL, PSAC User's Group, etc.) | N. Eisenberg | 0945 |

BREAK 1015

3. DOE/HQ PA/SA RESEARCH AND TECHNICAL SUPPORT PROGRAMS N. Eisenberg 1035

- | | | |
|--------------------------------------------------------------------|--------------|------|
| 3.1 PASS (Performance Assessment Scientific Support) Program (PNL) | A. Van Luik | 1045 |
| 3.2 Preliminary Risk Characterization Study (PNL/BNL) | R. Rhodes | 1130 |
| 3.3 Mass Transfer Analysis (LEL) | W. W.-L. Lee | 1145 |

LUNCH 1215

4. REPOSITORY PROJECT PA ACTIVITIES

- | | | |
|----------------------------|-----------------------------|------|
| 4.1 NNWSI PA/SA Activities | D. Livingston/
J. Robson | 1330 |
| 4.2 BWIP PA/SA Activities | A. Knepp | 1400 |
| 4.3 SRPO PA/SA Activities | G. Appel | 1430 |

BREAK 1500

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|----------------------------------|-----------|------|
| 4.4 RTP PA Activities in general | N. Patera | 1515 |
|----------------------------------|-----------|------|

4.5 RTP International Activities	R. Schassburger	1545
5. NEW DOE/HQ COORDINATION ACTIVITIES		
5.1 Validation Strategy	N. Eisenberg	1615
5.2 PA Issues	N. Eisenberg	1635
6.0 CLOSING REMARKS	N. Eisenberg/ R. Stein	1655
ADJOURN		1700

Tentative Agenda for the
 PRAM Meeting
 August 5-6, 1987
 DOE/HQ, Room 2E081, Washington, D. C.

TOPIC	LEAD	TIME
<u>WEDNESDAY, AUGUST 5</u>		
1. Opening remarks	DOE/HQ	8:30 - 8:45 am
a. Introduction of participants		
b. Finalization of agenda		
c. Purpose of meeting		
d. Planned meeting accomplishments		
e. Other programmatic businesses		
2. Review of 1st PRAM Interim Procedures Guide		
a. NNWSI comments and discussion	NNWSI	8:45 - 9:30 am
b. BWIP comments and discussion	BWIP	9:30 - 10:15 am
BREAK		
		10:15 - 10:30 am
c. SRPO comments and discussion	SRPO	10:30 - 11:15 am
d. Weston comments and discussion	Weston	11:15 - 12:00 pm
LUNCH		
		12:00 - 1:00 pm
e. Comment resolution and wrap up	ENL	1:00 - 1:30 pm
3. Review of five safety assessment related documents on their applicability to PRAM development (Emphasis on the first three reports)		
- IA-10294-MS		
- HEDL-MG-153		
- ONWI-334		
- EML/ONWI-588		
- NRC GTP on Q-List Methodology		
a. BWIP comments and discussion	BWIP	1:30 - 2:10 pm
b. SRPO comments and discussion	SRPO	2:10 - 2:50 pm
BREAK		
		2:50 - 3:00 pm
c. NNWSI comments and discussion	NNWSI	3:00 - 3:40 pm
d. Weston comments and discussion	Weston	3:40 - 4:20 pm
e. ENL comments and discussion	ENL	4:20 - 4:50 pm
f. Comment resolution and agreements on appropriate information for PRAM	DOE/HQ, ENL	4:50 - 5:30 pm
ADJOURN		
		5:30 pm

TOPIC	LEAD	TIME
<u>THURSDAY, AUGUST 6</u>		
4. Report on the mini-FRAM meetings on source term characterization - Major conclusions from meetings - Road map to formulate general guidance on source term - Recommendations to DOE on needed work - Others	ENL	8:30 - 9:00 am
5. Use of FRAM results from each safety assessment step in support of each end use. (This topic is a left-over from previous meeting)	ENL	9:00 - 9:30 am
6. Preliminary work on FRAM data base development and presentation of the revised annotated outline for the ACD FRAM Procedures Guide	ENL	9:30 - 10:15 am
BREAK		10:15 - 10:30 am
7. Preliminary work on the 2nd Interim Procedures Guide on systems analysis and sequence quantification assumptions, computer codes, and methods	ENL	10:30 - 12:00 pm
LUNCH		12:00 - 1:00 pm
8. Projects' position on the appropriate risk indices (e.g. RAP, RAW, etc.) to be analyzed for the ACD safety assessment.	SRFO, NNWSI, BWIP	1:00 - 1:30 pm
9. Demonstration of computer simulation of in-plant consequences from routine operations	SRFO	1:30 - 3:30 pm
10. Agreements and action items preparation to be performed concurrently with Topic # 9	DOE/HQ, ENL	1:30 - 3:30 pm
11. Review and endorsement of agreements and action items and discussion of near term coordination and schedule.	DOE/HQ	3:30 - 5:00 pm
ADJOURN		5:00 pm

Tentative Agenda

August 5, 1987

POSTCLOSURE PERFORMANCE ASSESSMENT TOPICS

(To be conducted concurrently with the preclosure safety assessment session)

LEAD

TIME

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|--------------------------------------------|--------------|-----------|
| 1. Preliminary Risk Characterization Study | DOE/HQ/PNL | 0830-1230 |
| 2. LUNCH | | 1230-1330 |
| 3. PA Issues and resolution activities | DOE/HQ | 1330-1600 |
| 4. EIS requirements for PA analyses | R. Sharma | 1600-1630 |
| 5. Discussion/Action Items | N. Eisenberg | 1630-1700 |

August 6, 1987

Selected Technical Topics

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|-----------------------------------------------------------------|---------------|-----------|
| 1. BWIP Approach to scenario analysis | B. Sagar | 0830-0930 |
| 2. NNWSI Approach to scenario analysis | M. Tierney | 0930-1030 |
| 3. BREAK | | 1030-1045 |
| 4. Issues in scenario and uncertainty analysis | L. Rickertsen | 1045-1130 |
| 5. Open discussion of scenario analysis | N. Eisenberg | 1130-1200 |
| 6. LUNCH | | 1200-1300 |
| 7. Sensitivity and Uncertainty Analysis - Monte-Carlo Methods | PNL | 1300-1400 |
| 8. Sensitivity and Uncertainty Analysis - Adjoint Methods | ORNL | 1400-1500 |
| 9. BREAK | | 1500-1515 |
| 10. Open discussion of sensitivity/uncertainty analysis methods | N. Eisenberg | 1515-1600 |
| 11. BWIP Corrosion Analysis | BWIP | 1600-1630 |

12. BWIP waste package pinhole analysis

BWIP

1630-1645

13. Discussion

N. Eisenberg

1645-1700