

# memorandum

DATE: JUL 2 1987

REPLY TO  
ATTN OF: RW 23.2

SUBJECT: PA/SA Coordinating Group Meeting, August 4-6, 1987

TO: Distribution

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109.2

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Attached are the tentative agenda and topics for the upcoming Performance Assessment/Safety Assessment (PA/SA) Coordinating Group meeting, to be held on August 4-6, 1987, at the DOE Headquarters, Forrestal Building, Washington D. C. The meeting will be opened to the public on August 4, in Room BE069. The meetings on August 5 and 6 will be opened only to the DOE staff and contractors; concurrent meetings will be conducted on postclosure performance assessment and preclosure safety assessment in Rooms BE069 and 2E081, respectively. The DOE repository projects should notify me on any suggestions to the proposed agenda and topics by July 15, 1987.

*Norman A. Eisenberg*  
Norman A. Eisenberg, Chairman  
PA/SA Coordinating Group

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John Linehan  
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AGENDA and TOPICS for  
PA/SA COORDINATING GROUP MEETING  
AUGUST 4-6, 1987

August 4, 1987 - Open Session

1. PREFATORY MATERIAL

- |  |              |      |
|--|--------------|------|
| 1.1 Introductory remarks                 | R. Stein     | 0845 |
| 1.2 Opening of PACG Meeting              | N. Eisenberg | 0850 |
| 1.3 Review of agenda and operating rules | N. Eisenberg | 0855 |

2. ONGOING DOE/HQ COORDINATION ACTIVITIES

- |  |                     |      |
|--|---------------------|------|
| 2.1 Overview of PRAM Program and ACD Safety Assessment Procedures Guide Development          | T. Eng/ENL staff    | 0900 |
| 2.2 Technical Code Coordination Group status   | T. Eng/H. Steinberg | 0945 |
| 2.3 International activities with DOE/HQ lead (HYDROCOIN, INTRAVAL, PSAC User's Group, etc.) | N. Eisenberg        | 1000 |

BREAK 1030

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

- |  |              |      |
|--|--------------|------|
| 3.1 PASS (Performance Assessment Scientific Support) Program (PNL) | A. Van Luik  | 1055 |
| 3.2 Preliminary Risk Characterization Study (PNL/ENL)              | R. Rhodes    | 1130 |
| 3.3 Mass Transfer Analysis (LBL)                                   | W. W.-L. Lee | 1200 |

LUNCH 1230

4. REPOSITORY PROJECT PA ACTIVITIES

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

BREAK 1500

|                                       |                           |      |
|---------------------------------------|---------------------------|------|
| 4.4 RTP PA Activities in general      | R. Baker                  | 1515 |
| 4.5 RTP International Activities      | R. Baker                  | 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/<br>R. Stein | 1655 |
| ADJOURN                               |                           | 1700 |

AUGUST 5-6, 1987  
(Closed Sessions)

| <u>PRECLOSURE SAFETY ASSESSMENT TOPICS</u><br>(To be conducted concurrently with the<br>postclosure PA session. Agenda will follow.)               | <u>LEAD</u>                            | <u>TIME<br/>NEEDED</u> |
|--|--|------------------------|
| 1. Opening remarks and programmatic issues   | DOE/HQ                                 | 30 min                 |
| 2. Comment discussion and resolution of the<br>draft 1st Interim Procedures Guide  | ENL                                    | 4 hours                |
| 3. Review of five safety assessment related<br>documents for their applicability to the<br>PRAM development  | ENL<br>NNWSI<br>BWIP<br>SRPO<br>Weston | 4 hours                |
| 4. Ranking of risk indices (and rationale)<br>and suggested modeling techniques<br>(actuarial or predictive) for ACD<br>safety assessment          | NNWSI<br>BWIP<br>SRPO                  | 45 min.                |
| 5. Discussion on the revised annotated<br>outline for the ACD PRAM Procedures Guide<br>(include PRAM generic data base<br>formulation)             | ENL                                    | 1 hour                 |
| 6. Use of PRAM results from each generic<br>safety assessment steps in support of<br>end uses  | ENL                                    | 30 min.                |
| 7. Procedures on repository systems analysis<br>and accident sequence quantification.<br>(Preliminary work on the 2nd Interim<br>Procedures Guide) | ENL                                    | 2 hours                |
| 8. Status report on ENL/repository projects<br>informal discussion on source term<br>characterization  | ENL                                    | 1 hour                 |
| 9. Computer simulation of in-plant<br>consequences from routine operations<br>(Tentative topic)  | SRPO                                   | 2 hours                |

POSTCLOSURE PERFORMANCE ASSESSMENT TOPICS

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

LEAD

TIME  
NEEDED

- |  |              |         |
|--|--------------|---------|
| 1. Preliminary Risk Characterization Study | DOE/HQ/PNL   | 4 hours |
| 2. BWIP scenario analysis methodology      | BWIP         | 1 hr.   |
| 3. PA Issues and resolution activities     | DOE/HQ       | 3 hrs.  |
| 4. EIS requirements for PA analyses        | R. Sharma    | 0.5 hr. |
| 5. Discussion/Action Items                 | N. Eisenberg | 1 hr.   |

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