

NATIONAL RESEARCH COUNCIL
COMMISSION ON GEOSCIENCES, ENVIRONMENT, AND RESOURCES

2101 Constitution Avenue Washington, D.C. 20418

BOARD ON
RADIOACTIVE WASTE MANAGEMENT
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12/02/91

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NATIONAL ACADEMY OF SCIENCES/NATIONAL RESEARCH COUNCIL

BOARD ON RADIOACTIVE WASTE MANAGEMENT
PANEL ON THE WASTE ISOLATION PILOT PLANT (WIPP)
December 10-11, 1991

The Arnold and Mabel Beckman Center
100 Academy Drive
Irvine, CA 92715

TENTATIVE AGENDA

Tuesday, December 10, 1991

8:15 a.m. - 8:45 a.m.

EXECUTIVE SESSION

OPEN SESSION

8:45 a.m. - 9:15 a.m.

WIPP Status and Institutional Issues
Project reorganization, ORR results, funding
outlook
Panel Questions and Discussion

J. Arthur, DOE

C. Fairhurst
J. Garrick

9:15 a.m. - 10:00 a.m.

Use of Radioactive Test Data and Information by PA
Present rationale regarding data needs, analysis and
use in PA, expected outputs, possible limitations in
regulatory framework, modeling capabilities, issues
Panel Questions and Discussion

R. Anderson, Sandia

C. Whipple
J. Garrick

10:00 a.m. - 10:15 a.m.

BREAK

10:15 a.m. - 11:15 a.m.

Radioactive Test Overview Summary
Radioactive waste test objectives, nature of
major changes since original program definition,
present design issues, conclusions
Panel Questions and Discussion

A. Lappin, Sandia

R. Ewing
J. Bredehoeft

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11:15 a.m. - 11:50 a.m.	<u>Laboratory Studies</u> (including non-radioactive studies). Basic rationale, expected outputs, use of data, relationship to PA, duration of tests, possible limitations, Issues Panel Questions and Discussion	L. Brush, Sandia H. Adler F. Ernsberger
12: Noon - 1:00 p.m.	LUNCH	
1:00 p.m. - 1:30 p.m.	<u>Site Test Implementation</u> Programmatic process for dry/wet bin preparation and emplacement, combination/co-location of wet bin and solubility/leachate tests, safety/regulatory issues, waste generator issues, transportation issues Panel Questions and Discussion	P. Higgins, DOE C. Whipple J. O'Driscoll J. Bredehoeft J. Garrick
1:30 p.m. - 1:50 p.m.	<u>Dry-bin Tests</u> Rationale, expected outputs, use of data, relationship to PA, duration of tests, possible limitations, Issues Panel Questions and Discussion	A. Lappin, Sandia J. Blomeke H. Adler
1:50 p.m. - 2:10 p.m.	<u>Wet-bin Tests</u> (distinct from leaching/solubility tests) Rationale, expected outputs, use of data, relationship to PA, duration of tests, possible limitations, Issues Panel Questions and Discussion	A. Lappin, Sandia R. Ewing L. Konikow
2:10 p.m. - 2:30 p.m.	<u>Leaching/Solubility Tests</u> Rationale, expected outputs, use of data, relationship to PA, duration of tests, possible limitations, Issues Panel Questions and Discussion	A. Lappin, Sandia L. Konikow F. Ernsberger
2:30 p.m. - 2:50 p.m.	<u>Alcove and EPA Room Tests</u> Rationale, expected outputs, use of data, relationship to PA, duration of tests, possible limitations, Issues Panel Questions and Discussion	A. Lappin, Sandia C. Fairhurst J. Blomeke
2:50 p.m. - 3:50 p.m.	Discussion	

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3:50 p.m. - 4:00 p.m. **BREAK**
4:00 p.m. - 5:00 p.m. **EXECUTIVE SESSION**

Wednesday, December 11, 1991

OPEN SESSION

8:30 a.m. - 9:15 a.m.	<u>1991 Status of PA with respect to 40CFR191B</u> Results of current PA analysis, assumptions, expected data sensitivities Panel Questions and Discussion	R. Anderson, Sandia C. Whipple J. Garrick
9:15 a.m. - 10:00 a.m.	<u>Summary status of priority WIPP activities</u> Discussion of activities of concern previously identified by NAS/NAE WIPP Panel members Panel Questions and Discussion	W. Weart, Sandia C. Fairhurst
10:00 a.m. - 11:30 p.m.	Discussion	
11:30 a.m. - 1:00 p.m.	LUNCH	
1:00 p.m. - 2:00 p.m.	EXECUTIVE SESSION	
	OPEN SESSION	
2:00 p.m. - 3:00 p.m.	Panel Feedback to DOE	
3:00 p.m.	ADJOURN	