

WM-10

PDR

Return to

WM
623-51

101
204/RJW/82/08/03/0

- 1 -

DISTRIBUTION

WMHT r/f
NMSS r/f
WM r/f
CF
JBMARTIN
REBROWNING
MBELL
PALTOMARE
HJMILLER
RJWRIGHT & r/f
PDR

WMHT: 3104

AUG 03 1982

MEMORANDUM FOR: David J. Squires
BWIP Project Office
Richland Operations Office
U. S. Department of Energy
Richland, WA

FROM: Robert J. Wright, Senior Technical Advisor
High-Level Waste Technical
Development Branch
Division of Waste Management

SUBJECT: PROPOSED AGENDA

Attached is a proposed agenda for the waste package/geochemistry workshop beginning August 9, 1982.

Please telephone (427-4674) your comments or suggestions.

"ORIGINAL SIGNED BY"

Robert J. Wright, Senior Technical Advisor
High-Level Waste Technical
Development Branch
Division of Waste Management

cc: Ralph Stein

OFC :	WMHT	:	:	:	:	:	:
NAME :	RJWright:dm	:	:	:	:	:	:
DATE :	8/ /82	:	:	:	:	:	:

00179

WASTE PACKAGE/GEOCHEMISTRY WORKSHOP

PROPOSED AGENDA AUGUST 9-12, 1982

DAY 1 (Monday, 9 August)

8-12 RHO Presentations on Present Status of Investigations and Future Plans

I. Joint NRC Waste Package/Geochemistry Teams

- A. Introduction to Waste Package/Backfill/Geochemistry System
- B. Hydrothermal reactions in basalt

- 1. Low temperature leaching of products of hydrothermal reactions.
- 2. Chemistry of solutions encountering waste form.

- C. Near-field geochemistry
- D. Geochemistry in performance assessment models
- E. Performance assessment and quality assurance

12-1 Lunch

1-4 II. Waste Package and Geochemistry Teams Meet Separately with RHO Counterparts to Discuss Information to be Gathered During Workshop

A. Waste Package Team Topics

- 1. Thermo-hydrologic conditions
- 2. Thermo-mechanical conditions
- 3. Canister failure modes
- 4. SF: Glass leaching rates

B. Geochemistry Team Topics

- 1. Geochemical retardation mechanisms
- 2. Thermodynamic data
- 3. Chemical composition of groundwater
- 4. Reactions in the far-field
- 5. Geochemical performance assessment models.

4:30 III. NRC Team Recap and Discussion

DAY 2 (Tuesday, 10 August)

8-12 I. NRC Teams Meet Separately with RHO Counterparts

12-1 Lunch

1-4 II, Same as I, continued

III, NRC Team Recap and Discussion

DAY 3 (Wednesday, 11 August)

8-12 I, NRC Teams Continue to Meet with RHO Counterparts

12-1 Lunch

1-4 II, Joint Discussions with NRC Teams and RHO

A. Performance Assessment System

B. Other Items as Appropriate and Defined as Day 2

4:30 III, NRC Teams' Meet to Compile Observations and Meeting Summary

DAY 4 (Thursday, 12 August)

8:30 Technical Wrap-up

10:00 Management Wrap-up

11:30 Trips: Umtanum ridge/lab/NSTF

Note

During the week of 8/2 a list presenting details of the discussion topics will be forwarded to DOE Richland.

cc: Ralph Stein
DOE HQ