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WM Project 10
Docket No. 10

PDR 1
LPDR 1

DOE/NRC
Richland, WA
June 13-16, 1983

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Meeting Notes
On

'83 JUN 27 P3:30

"BWIP PROCESS AND RESPONSE TO NRC ISSUE RESOLUTION AND PLAN FOR SCP PREPARATION" (May 25, 1983)

ATTENDEES: List of attendees is attached.

AGENDA: Attached.

PURPOSE: To review Tables 2 and 3 of the May 25 document; to reach agreement (or disagreement) on the "Statement of Item" and "BWIP Disposition" columns; to proceed as far as possible in agreement on the "BWIP Comments" column; to identify priority items for future discussion.

- NRC COMMENTS:
- (1) With the changes adopted during discussions of June 13-15, the May 25 document represents a satisfactory tabulation of concerns expressed in the DSCA. The "BWIP Comments" can not be fully evaluated, because these are based on test results and test plans that, in large part, are not available to NRC.
 - (2) As a basis for further interactions on site characterization activities, in the interest of focusing these on licensing information needs, the NRC must have access to test data as it is developed, to test plans in the formative stage and to QA documentation.
 - (3) A key technical area that needs more attention, is the coupled hydrologic-mechanical response of the repository host rock to the thermal pulse from waste emplacement. This is a novel problem in underground excavation, the testing time may be long and there is presently little consensus on what is needed for site characterization.

- FOLLOW-UP BY DOE:
- (1) Develop a revised May 25 document that incorporates the results of the June 13-15 meeting.
 - (2) Propose timing for a series of technical meetings (hydrology test plans to begin July 11).
 - (3) Develop a policy for direct telephone communication on technical topics between named individuals on NRC and DOE/RHO staffs.
 - (4) Investigate and put into action a procedure for release to interested parties information in the RHO engineering release system.

- FOLLOW-UP BY NRC:
- (1) Provide clarification of several items in the "Statement of item" column.
 - (2) Provide a technical position on waste package reliability

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rec'd 7-5-83
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cc: RWright

(already in the mail).

- (3) Provide, by the end of June, the draft quality assurance review plan.
- (4) Provide background material on the alternative design provisions of 10CFR60.

Original signed by Robert J. Wright, NRC
June 16, 1983

Enclosures

Robert J. Wright - DOE
6-16-83

ATTENDEES AT THE DOE/NRC
SITE CHARACTERIZATION ISSUE CLARIFICATION MEETING
June 13-16, 1983

DEPARTMENT OF ENERGY-RICHLAND OPERATIONS OFFICE

O. L. (Lee) Olson
D. J. (Dave) Squires
R. P. (Pierre) Saget
A. G. (Art) Lassila

NUCLEAR REGULATORY COMMISSION

M. R. (Malcolm) Knapp
F. R. (Bob) Cook
R. J. (Bob) Wright
J. T. (John) Greeves
P. T. (Paul) Prestholt
P. S. (Phil) Justus
T. (Tilak) Verma

STATE OF WASHINGTON

D. (Don) Provost
H. (Harry) Tanaka
J. (James) Voss*

ROCKWELL HANFORD OPERATIONS**

M. J. (Mick) Apted
R. C. (Ron) Arnett
S. M. (Steve) Baker
G. S. (Scott) Barney
J. D. (Jim) Bazemore
R. W. (Bob) Bryce
P. M. (Peter) Clifton
R. A. (Raul) Deju
T. O. (Tom) Early
L. R. (Larry) Fitch
R. J. (Ralph) Gimera
R. L. (Ron) Jackson
G. K. (Gary) Jacobs
L. L. (Larry) Johnson
K. (Kunsoo) Kim

DOE-OVERVIEW COMMITTEE

Pat Domenico - Texas A. M.
Jay Smith - Jay Smith & Associates

WESTON, INC.

H. (Hank) Bermanis

J. H. (Joe) LaRue
L. S. (Leo) Leonhart
P. E. (Phil) Long
M. M. (Peg) McCarthy
E. L. (Ernie) Moore
L. T. (Larry) Murphy
M. F. (Mike) Nicol
S. M. (Sue) Price
A. C. (Tony) Rutz
P. F. (Pat) Salter
M. J. (Mike) Smith
A. M. (Ann) Tallman
D. A. (Dave) Turner
M. I. (Marc) Wood

* Golder Associates

** RHO Staff Attended Applicable Sessions Only.

MEETING AGENDA
DOE/NRC SCR/DSCA ISSUE CLARIFICATION

June 13-16, 1983
Richland, Washington

MONDAY, June 13

- 1135 Jadwin Conference Room

9:00 - 9:15 - DOE Welcome and Introductions

9:15 - 9:45 - NRC Opening Comments

9:45 - 10:00 - Protocol for Meetings

O. L. Olson
R. J. Wright
L. R. Fitch

Team 1 - 5th Floor Conference Room, PBB

10:00 - 5:00 - Groundwater

S. M. Baker
R. W. Bryce
L. S. Leonhart
R. L. Jackson

Team 2 - 4th Floor Conference Room, PBB

10:00 - 5:00 - Waste Form/Waste Package

M. J. Smith
P. F. Salter
E. L. Moore
M. I. Wood
M. J. Apted

TUESDAY, June 14

Team 1 - 4th Floor Conference Room, PBB

8:00 - 5:00 - Performance Assessment

R. C. Arnett
P. M. Clifton
G. K. Jacobs

Team 2 - 5th Floor Conference Room, PBB

8:00 - 5:00 - Geochemistry

M. J. Smith
P. F. Salter
M. J. Apted
G. S. Barney
T. O. Early
P. E. Long

WEDNESDAY, June 15

Team 1 - 4th Floor Conference Room, PBB

8:00 - 5:00 - Geology/Site Selection/Environmental Factors

S. M. Price
A. M. Tallman
M. M. McCarthy

Team 2 - 5th Floor Conference Room, PBB

8:00 - 5:00 - Geoen지니어ing/Repository Design/Quality Assurance

K. Kim
L. L. Johnson
D. A. Turner
M. F. Nicol
L. T. Murphy

THURSDAY, June 16 - 5th Floor Conference Room, PBB

8:00 - 12:00 - NRC Caucus. Additional discussions as needed.

1:00 - 2:00 - Briefing on 10 CFR 60 Final Rule.

2:00 - 5:00 - Close Out. DOE/NRC/BWIP Management Debriefing.

Staff
M. R. Knapp
O. L. Olson

Meetings will consist of informal discussions and point-by-point review of NRC concerns. No formal briefings will be given.

A - Agree
 C - Requires Further Clarification
 D - Disagree
 X - Programmatic Impact

DISPOSITIONS AND RESPONSES TO SPECIFIC HRC COMMENTS
 (FROM APPENDICES B AND C OF THE DSCA)

CHAPTER 12

ITEM REFERENCE	STATEMENT OF ITEM - COMMENTS CODE/REMARKS	BWIP DISPOSITION	BWIP COMMENTS
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Sec. 12.4.3 p. 12.4-40 Para. 2	"The SCR states that the 2-D model results show that the travel-times are sufficiently long to ensure compliance with the EPA standard."/12--"Given the preliminary nature of the analysis, the uncertainty associated with the data choice and the limited scope of the analysis, this conclusion is not justified."	A	The word "assure" will be changed to "indicate, for the reference conditions utilized in the analysis."
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