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WM Record File  
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WM Project 1  
Docket No. \_\_\_\_\_  
PDR   
LPDR \_\_\_\_\_

NOTE TO: R.E. Browning  
J.T. Greeves  
M.R. Knapp

THROUGH: H.J. Miller

FROM: J.J. Linehan

*H.J. Miller*  
*J.J. Linehan*

**MAY 24 1985**

Distribution: \_\_\_\_\_  
\_\_\_\_\_  
(Return to WM, 623-SS)

SUBJECT: SUMMARY OF MANAGEMENT MEETING WITH DOE: "MEETING TO REVIEW  
PLANNED INTERACTIONS BETWEEN DOE AND NRC ON THE REPOSITORY  
PROGRAM" THAT WAS HELD AT DOE ON MAY 30, 1985.

Enclosed for your information are the key items from the subject meeting. Most of these items have already been discussed with you in rough drafts. The meeting was transcribed by a Court Reporter, therefore, there is no signed meeting report. The transcripts will be sent to us when processed by DOE.

- Enclosures:
1. Agenda
  2. Agreements
  3. Schedules of DOE/NRC Meetings
  4. Followup Actions
  5. NRC Handout
  6. List of Attendees
  7. Updated version of DOE/NRC meetings

cc: R.L. Johnson  
K. Stablein  
R.J. Wright



## AGENDA

ENCLOSURE 1

SUBJECT: Meeting to Review Planned Interactions Between  
DOE and NRC on the Repository Program

DATE/LOCATION: May 30, 1985  
DOE Forrestal Building Room 1E245

Time: 9:00 A.M.

1. Review procedures for setting up technical meetings
  - Lead time
  - Advance exchange of information
  - Management review of meeting minutes
2. CY 1985 Technical Meetings
  - Confirm schedules (see attached list)
  - Identify additional meetings needed
3. EA Comment Resolution
  - o 20,000 comments rcv'd (35% generic, 40% SALT, 25% BWIP & NNWSI)
  - o DOE plans to revise EAs & append. a comment response document
4. Status of Appendix 7 of Procedural Agreement
5. Identify Topics for CY 1986 Meetings

AGREEMENTS

ENCLOSURE 2

- o Attached Meeting List
- o NRC-DOE will work to set up communication thru IBM PCs
- o 4 month lead time for meetings is a goal, but
  - in general 4 week lead time on finalizing meeting agenda and distributing relevant materials - minimum time normally 10 working days, recognize there may be exceptions
- o Data reviews not included in meeting list, may be requested at any time
- o Meeting Minutes
  - participants will initial/sign at time of meeting as called for in site specific agreement and these minutes will be distributed
  - DOE management will review minutes within 2 weeks of meeting and certify as ok or corrections needed
- o Meeting on resolution of EA comments
  - DOE expects to be able to set a specific date by first week of July
  - DOE plans to provide NRC with material in advance of meeting; may provide NRC with draft comment response document
  - will discuss issue by issue rather than comment by comment

OPEN ITEM

- o need for DOE to lay out milestones, plans and schedules, for each project.
  - need for NRC consultation early on in planning stages (see attached Figure) so NRC input is meaningful; NRC is unable to independently determine if consultations are timely without milestones.
  - need to see how plans, tests, etc. fit into the overall schedule, e.g. show how tests, etc. mesh with other elements of the programs and what DOE expects to get out of various program activities and tests and how they will use them

SCHEDULE OF  
DOE/NRC MEETINGS  
May 30, 1985

ENCLOSURE 3

<u>TOPIC</u>	<u>DATE</u>	<u>STATUS OF "DATES"*</u>
1. Meeting Topics and Scheduling	May 30	held 5/30/85
2. Appendix 7 (DOE will send proposed revisions to NRC by 6/7)	June (probably wk of 6/17 if mtg needed)	Firm
3. Q-list Methodology	June 20th (assumes r'cpt of Weston paper by 6/6)	Firm
4. Generic ES Test Plans, Construction & Licensing (DOE will send proposed agenda/scope of meeting by 6/7)	July 18th	Firm
5. BWIP Hydrology Workshop	Sept/Oct (NRC-BWIP telecon will determine agenda and timing)	Tentative
6. EA Comment Response	July	Firm
7. Tuff Waste Package	July 23-25	Firm
8. BWIP Geology Workkshop	Oct/Nov (NRC-BWIP telecon will determine scope and agenda)	Tentative
9. Retrievability Position	July 31st	Firm
10. Tuff ES Design	August 27 & 28	Firm
11. Tuff Hydrology & Geochemistry	September 23-26	Firm
12. BWIP ES Design	August 13 & 14	Firm
13. SRP ES Design	September/Oct	Tentative
14. CY 1986 Meeting Planning	August	Tentative

15.	Generic Seismo-Tectonics (DOE will send NRC annotated outline by 6/21, upon review NRC-DOE will determine need for site specific tuff meeting)	August 20-21	Firm
16.	Subsystem Performance Allocation (DOE will send ltr on proposed scope agenda)	September	Tentative
17.	Tuff Exploratory Shaft Test Plan	September 17&18	Firm
18.	BWIP Waste Package	October 7	Firm
19.	SRP Repository Design	Dec/Jan	Tentative
20.	SRP In Situ Testing	Dec/Jan	Tentative
21.	BWIP Repository Design Workshop	Nov/Dec	Tentative
22.	BWIP Geochemistry Workshop	Sept/Oct	Tentative
23.	SRP Waste Package	October	Tentative
24.	Tuff Performance Assessment Plan	October 1-4	Firm
25.	(BWIP?) Meteorology Monitoring Workshop (NRC doesn't see need for site specific mtg, DOE will determine whether a generic meeting is appropriate)	October	Tentative
26.	BWIP Exploratory Shaft Test Plan	October 16&17	Firm
27.	SRP Surface Based Test Plan (SRP will propose agenda & dates)	August	Tentative
28.	SCP Issue Resolution Strategy, Issues & Data Needs - Generic Issues Hierarchy - Chapter 8 of SCP	Oct/Nov (DOE will propose agenda & dte)	Tentative
29.	QA Workshop (NRC will propose agenda and date. Site specific workshop dates will be established at generic meeting)	July/August	Tentative
30.	SRP Palo Duro Data Review-Geol, Hyd, Geochem	August	Tentative

\* Note: NRC-DOE have agreed to need for all meetings listed. Status only indicates whether specific date has been established.

## FOLLOW UP ACTIONS FROM NRC-DOE 5/30 MANAGEMENT MEETING

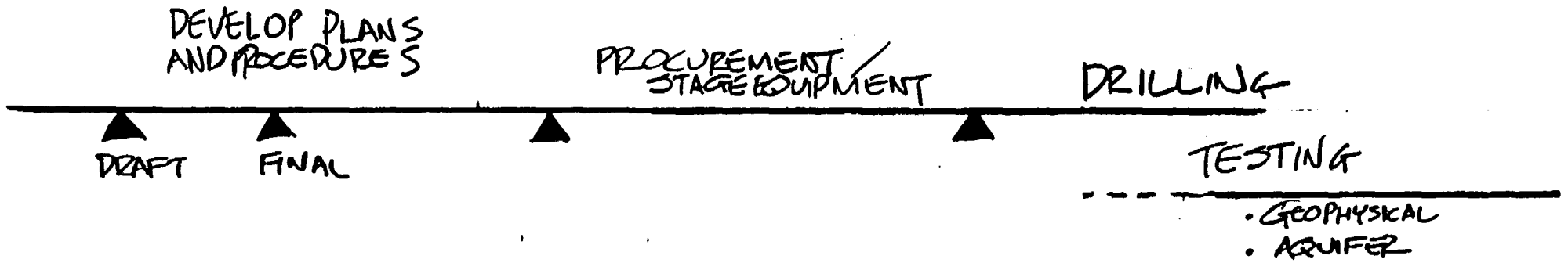
o DOE

- Send NRC proposed revisions of Appendix 7 by 6/7- Stein/Head
- Send NRC Weston paper on Q-list by 6/6 - Stein/Head
- Send NRC proposed agenda on Generic ES meeting by 6/7 - Stein
- Send NRC seismo tectonics annotated outline by 6/21 - Stein
- Send NRC proposed agenda/scope for subsystem performance allocation meeting - Stein
- Determine need for Generic Meteorology workshop - Stein
- Propose agenda & dte for mtg on SRP surface based test plan - Casey
- Propose agenda & dte for mtg on Chapter 8 of SCP - Generic Issues Hierarchy - Stein
- Propose agenda & dte for Palo Duro data review at TBEG - Casey
- Get back to NRC with position on providing relevant information to states/tribes prior to meetings
- Get back to NRC on status of data catalogues at sites and notification to ORs of scheduled field & lab testing as called for in site specific agreements - Stein

o NRC

- NRC contact BWIP to determine agenda & timing for Hydrology workshop and Geology Data review/workshop - Wright
- Confirm exact date for EA comment response meeting by 7/4 - Linehan
- Propose agenda & date for Generic QA workshop - Kennedy
- Send letters to DOE OCRWM and/or DOE DP
  - Need for summary of Asse, Strategic Petroleum Reserve, and WIPP data & how DOE plans to use data
  - Needs for consultation on and access to WIPP data, test methods, site - Johnson
- Send DOE copies of NRC SOWs for review to assure no unnecessary duplication of NRC & DOE contract work - Coplan

- Request needed EA comments from DOE - Linehan
- NRC is auditing NRC & DOE performance with respect to Procedural and Site Specific Agreement, will get back to DOE with results.



SURFACE BORE HOLE TESTING SEQUENCE  
(SIMPLIFIED FOR ILLUSTRATION)

SIMILAR FOR ANY FIELD OR LAB TESTING PROGRAM



## ACTIVITIES \*

- BOREHOLE DRILLING AND TESTING
- EXPLORATORY SHAFT CONSTRUCTION AND TESTING
- MAJOR GEOPHYSICAL SURVEYS
- MAJOR LABORATORY TESTING
  - ROCK / MINERAL / WATER CHEMISTRY
  - MATERIALS TESTING (E.G., CORROSION)

\* ILLUSTRATIVE

May 30, 1985 - DOE/NRC Management Meeting  
LIST OF ATTENDEES

<u>NAME</u>	<u>ORGANIZATION</u>	<u>TELEPHONE</u>
C. R. HEAD	DOE/RW-23	252-5625
RALPH STEIN	DOE/RW-23	252-5355
H J MILLER	NRC/DWM	427-4177
JOHN LINEHAN	NRC/DWM	427-4672
SCOTT GRACE	NRC/DWM	427-4653
Robert L. Johnson	NRC/DWM	427-4785
King Stablein	NRC/DWM	427-4611
Chad Glenn	NRC/DWM	427-4608
Avi Bender	NRC/DWM	427-4483
ROB MACDOUGALL	NRC/DWM	427-4439
DEAN TOUSLEY	YAKIMA NATION	328-3500
John T. Greeves	NRC/DWM	427-4734
Robert J. Wright	NRC/DWM	427-4674
JERRY PARKER	DOE/RW-25	252-5679
BILL PURCELL	DOE/RW-20	252-5607
Leslie A. Casey	DOE/SRPO	FTS 976-5916
Szymanski Henry S	DOE/NU	FTS 295-1503
STEVE FERGUSON	DOE/GC	252-6147
Bob Gamble	WESTON/LICENSING	963-5215

**SCHEDULE OF DOE/NRC MEETINGS**  
 (Established 5/30/85) (Updated 6/20/85)

<u>TOPIC</u>	<u>DATE</u>	<u>STATUS OF "DATES"</u>	<u>BRANCH/TECHNICAL LEAD</u>	<u>RP CONTACT PERSON</u>
1. Meeting Topics and Scheduling	May 30	Held 5/30/85		Grace
2. Appendix 7	June 14*	Held 6/14/85	RP/Grace	Grace
3. Q-list Methodology	July 1*	Firm	RP/Bilhorn	Bilhorn
4. Generic ES Test Plans, Construction & Licensing (DOE will send proposed agenda/scope of meeting by 6/7)	July 18th	Firm	EG/Nataraja	Dunkelman
5. BWIP Hydrology Workshop (NRC wants Oct/Nov) (DOE now wants off list)	Sept/Oct (NRC-BWIP telecon will determine agenda and timing)	Tentative	GT/Gordon	TBD (Linehan)
6. EA Comment Response	July/	Firm	RP/Grace	Linehan
7. Tuff Waste Package	July 23-25	Firm	EG/Johnson	Brooks/Coplan
8. BWIP Geology Workshop (NRC wants Nov/Dec) (DOE now wants off list)	Oct/Nov (NRC-BWIP telecon will determine scope and agenda)	Tentative	GT/Westbrook	TBD (Linehan)
9. Retrievability Position	July 31st	Firm	EG/Pearring	Dunkelman
10. Tuff ES Design	August 27 & 28	Firm	EG/Gupta	Stablein
11. Tuff Hydrology & Geochemistry	September 23-26	Firm	GT/Kovach	Stablein
12. BWIP ES Design (DOE now wants Sept/Oct)	August 13 & 14	Firm (Tentative)	EG/Buckley	TBD (Linehan)

UPDATED 6/20/85 (PM)  
 SRGrace

<u>TOPIC</u>	<u>DATE</u>	<u>STATUS OF "DATE"</u>	<u>BRANCH/TECHNICAL</u>	<u>RP CONTACT</u>
13. SRP ES Design	Nov. 19-21*	Firm*	EG/Pearring	Johnson
14. CY 1986 Meeting Planning	August	Tentative	RP/Grace	Linehan
15. Generic Seismo-Tectonics (DOE will send NRC annotated outline by 6/21, upon review NRC-DOE will determine need for site specific tuff meeting)	August 20-21	Firm	GT/Blackford	Oiney
16. Subsystem Performance Allocation (DOE will send letter on proposed scope agenda)	September	Tentative	RP/Coplan	Coplan
17. Tuff Exploratory Shaft Test Plan	September 17-18	Firm	EG/Gupta	Stablein
18. BWIP Waste Package (NRC wants Oct 8-10)	October 7	Firm	EG/Johnson	TBD (Linehan)
19. SRP Repository Design	Dec/Jan	Tentative	EG/Pearring	Johnson
20. SRP In Situ Testing	Dec/Jan	Tentative	EG/Pearring	Johnson
21. BWIP Repository Design Workshop (NRC wants Dec)	Nov/Dec	Tentative	EG/Buckley	TBD (Linehan)
22. BWIP Geochemistry Workshop	Sept/Oct	Tentative	GT/Brooks	TBD (Linehan)
23. SRP Waste Package	October 29-31*	Firm*	EG/Johnson	Johnson
24. Tuff Performance Assessment Plan	October 1-4	Firm	RP/Coplan	Stablein
25. (BWIP?) Meteorology Monitoring Workshop (NRC questions need for site specific mtg, DOE will determine whether a generic meeting is appropriate)	October	Tentative	RP/Boyle	Lilley
26. BWIP Exploratory Shaft Test Plan	October 16-17	Firm	EG/Buckley	TBD (Linehan)

<u>TOPIC</u>	<u>DATE</u>	<u>STATUS OF "DATE"</u>	<u>BRANCH/TECHNICAL</u>	<u>RP CONTACT</u>
27. SRP Surface Based Test Plan (SRP will propose agenda & dates) (NRC wants Oct 23-25)	Nov. 5-7*	Firm*	GT/Trapp	Johnson
28. SCP Issue Resolution Strategy, Issues & Data Needs - Generic Issues Hierarchy - Chapter 8 of SCP	Oct/Nov (DOE will propose agenda & date)	Tentative	PC/Altomare	Coplan
29. QA Workshop (NRC will propose & agenda date. Site specific workshop dates will be established at generic meeting)	July/August	Tentative	RP/Kennedy	Kennedy
30. SRP Palo Duro Data Review- Geochemistry	August 6-9*	Firm*	GT/Trapp	Johnson

Note: (a) NRC and DOE have agreed to need for all meetings listed. Status of "Dates" only indicates whether specific date has been established.

(b) Meeting dates will be changed only if absolutely necessary and will be made through Linehan after verbal agreement with Greeves & Knapp.

Note: Changes made to meetings 5,8,12,13,23 and 27 on 6/20/85 update.

\* indicates meetings whose dates or status have been changed subsequent to the May 30, 1985 meeting with DOE, and after agreement by the DOE project.