NB To Rep. ?

TRW

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INFORMATION COPY

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Please give copy to JH and Ann
Thanks
Bill Barrett
8/11/94

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WEEKLY STATUS OF PROJECT OFFICE INTERACTIONS WITH THE NRC, ACNW, NWTRB, AND NAS FOR THE WEEK ENDING: 8/12/94.

In you have any questions, regarding the subject report, please contact me at (702) 794-7693.

Thank you.

Linda Evans

Linda J. Evans
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WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 8/12/94

DATE/LOC.	TOPIC	TECHNICAL LEAD (SUPPORT)	CONTACT (SUPPORT)	PARTICIPANT (SUPPORT)	COMMENTS
8/16-17/94 Rockville, MD (Room T-2 B3 Two White Flint North Bldg.)	66th ACNW Meeting		Hanlon (Simms-M&O)		Agenda topics include: the Waste Confidence Decision, the NRC Staff Review of the DOE Topical Report on Extreme Erosion, a meeting with Comissioner Rogers, and a proposed rulemaking to 10 CFR Part 61 pertaining to government land ownership.
7/26/94 Rockville, MD	NRC Interactions: Bi-Monthly DOE/NRC Manager's Meeting	Gil	Bjerstedt (Simms-M&O)	M&O	DOE and NRC managers to discuss YM activities; provices a forum for both DOE and NRC managers to discuss current activities, concerns, and needs.
7/27/94 Rockville, MD	NRC TM: ESF Status	Replogle (Segrest-M&O)	Bjerstedt (Simms-M&O)	M&O	Provide an update of activities for design and construction of the ESF; scope TBD.

BOLD INDICATES REVISIONS AND NEW INFORMATION
**** = MEETINGS THAT ARE CLOSED TO THE PUBLIC**

WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 8/12/94

8/23/94 Las Vegas, NV 8/24/94 Site Visit	NRC TE: Field Heater Experiments Associated with Coupled THMC Processes	Simmons	Bjerstedt (Simms-M&O)	LLNL	Discuss technical issues needing experimental resolution for coupled THMC processes, and the adequacy of current DOE plans to address these phenomena. Discussion would focus on the Fran Ridge Large Block Experiment and the ESF heated room test.
9/12-13/94 Las Vegas, NV TENTATIVE	NWTRB HG&G Panel Meeting	Newbury	C. Newbury (Hoffman-M&O)		Surface-based testing;coupling of saturated and unsaturated zones; movement of gas-basec radionuclides.
9/12-13/94 Rockville, MD MOVED TO 9/27-28/94	NRC TE: Total System Performance Assessment (TSPA)				

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WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 8/12/94

9/14/94 Rockville MD	NRC Interaction: Bi-Monthly DOE/NRC Manager's Meeting	GI	Bjerstedt (Simms-M&O)	M&O	DOE and NRC managers to discuss YM activities; provides a forum for both DOE and NRC managers to discuss current activities, concerns, and needs.
9/21-22/94 Rockville, MD	67th ACNW Meeting		Hanlon (Simms-M&O)		**Potential topics include: briefings by the DOE on the Proposed Program Approach and the Multipurpose Canister.**

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WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 8/12/94

9/27-28/94 Rockville, MD (NRC White Flint Bldg.) **MOVED FROM 9/12-13/94**	NRC TE: Total System Performance Assessment (TSPA)	Smistad (Andrews-M&O)	Bjerstedt (Simms-M&O)	M&O SNL	Provide an update on the progress achieved by DOE and NRC in the area of TSPA. Discuss preliminary results of DOE's TSPA, the integration of site characterization results into TSPA, DOE's scenario methodology, and radionuclide release modeling. NRC to present Iterative Performance Assessment, Phase 2; DOE to present TSPA, Phase 2.
10/12-13/94 Las Vegas, NV	NWTRB Full Board Meeting	Newbury	C. Newbury (Hoffman-M&O)	TBD	**Topics of discussion: doe Approach to site suitability; alternative licensing concepts;** engineered barrier system/ESF update.
10/17/94 Las Vegas, NV	ACNW: Yucca Mountain Site Tour		Hanlon (Simms-M&O)		

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WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 8/12/94

10/18/94	ACNW WG: Age-Dating of Ground Water	Hanlon (Simms-M&O)	
10/19-20/94 Las Vegas, NV	68th ACNW Meeting	Hanlon (Simms-M&O)	**Potential topics are: performance assessment at the Waste Isolation Pilot Plant and a briefing on NRC research at Apache Leap.**
**10/21-22/94 Kyoto, Japan	EBS Workshop (Co-sponsored with Sweden's SKI and KASAM)		**INVITATION ONLY**
11/17-18/94 Washington, DC	NWTRB SG&G/HG&G Newbury Panel Meeting	C. Newbury (Hoffman-M&O)	Thermal-Loading Workshop

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WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 8/12/94

11/7-8/94 Las Vegas, NV or YM FOC	NRC TE: The results of initial tunnel boring activities along the north ramp of the ESF	TBD	Ejerstedt (Simms-M&O)	TBD	Apprise the NRC staff of the results of the initial phase of tunnel boring along the north ramp, including characterization data collected long the path of the ESF and in alcoves associated with the north ramp; facilitate staff reviews of DOE ESF design documents and study plans and address concerns raised in reviews of the SCP and related study plans.
11/8-9/94 NO MEETING	ACNW Meeting		Hanlon (Simms-M&O)		No Meeting.
11/29/94 Denver, CO	NRC TE: Groundwater Flow Through Unsaturated, Fractured Rock	Newbury	Ejerstedt (Simms-M&O)	TBD	Acquaint DOE and NRC with the results and ongoing research efforts to characterize groundwater flow through the unsaturated zone at Yucca Mountain, NV.

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WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 8/12/94

11/30-12/1/94 Denver, CO	NRC TE: Groundwater Travel Time	Newbury	Bjerstedt (Simms-M&O)	TBD	Discuss technical issues related to site characterization and the assessment of groundwater travel time.
12/6/94 Conference Call	NRC Interaction: Interactions Scheduling Meeting	TBD	Bjerstedt (Simms-M&O)	M&O	Scheduling of DOE/NRC interactions for the period of 1/95 through 6/95.
12/6/94 Rockville, MD	NRC Interactions: Bi-Monthly DOE/NRC Manager's Meeting	TBD	Bjerstedt (Simms-M&O)	M&O	DOE and NRC managers to discuss YM activities; provides a forum for both DOE and NRC managers to discuss current activities, concerns, and needs.
DATE TBD Washington, DC	NRC TE: Key design and materials Issues for the MPC and their Implication on Disposal (DOE-MPC Topical Report on Disposal, 9/95)	TBD	Bjerstedt (Simms-M&O)	TBD	Discuss and provide input to the DOE on an annotated outline for the planned MPC topical report. Focus will be on short-term and long-term plans for testing and evaluation of the proposedd designs and materials selection.

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WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 8/12/94

DATE TBD San Antonio, TX	NRC TE: NRC and CNWRA Activities Status	TBD	Bjerstedt (Simms-M&O)	TBD	Provide NRC with an opportunity to provide DOE and its participants with a briefing of on-going and planned work related to high level waste research and activities.
1/10-11/95 Beatty, NV	NWTRB Full Board Meeting	TBD	C. Newbury (Hoffman-M&O)	TBD	Topics of discussion: Enviromental issues; update on socioeconomics program.
1/24-26/95 Location TBD	NRC Interactions: Topic TBD	TBD	Bjerstedt (Simms-M&O)	TBD	TBD
2/14-16/95 Location TBD	NRC Interactions: Topic TBD	TBD	Bjerstedt (Simms-M&O)	TBD	TBD
3/21-23/95 Location TBD	NRC Interactions: Topic TBD	TBD	Bjerstedt (Simms-M&O)	TBD	TBD
4/25-27/95 Location TBD	NRC Interactions: Topic TBD	TBD	Bjerstedt (Simms-M&O)	TBD	TBD
5/16-18/95 Location TBD	NRC Interactions: Topic TBD	TBD	Bjerstedt (Simms-M&O)	TBD	TBD

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WEEKLY INTERACTIONS CALENDAR

STATUS OF DOE NWTRB, ACNW, NAS AND NRC MEETINGS FOR WEEK ENDING 6/12/94

6/27-29/95 Location TBD	NRC Interactions: Topic TBD	TBD	Bjerstedt (Simms-M&O)	TBD	TBD

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WEEKLY INTERACTIONS CALENDAR

DRILLING, TRENCHING, AND TEST PIT ACTIVITIES
8/12/94

DESIGNATION	PLANNED START DATE	PLANNED END DATE	BACKFILL DATE	YMPO SITE CONTACT	COMMENTS
BOREHOLES:					
USW Borehole SD-12 (LM300 Drill Rig)					The borehole was cored t17.1 meters (56.5 feet) this week to a depth of 361.6 meters (1186.3 feet). Bottom of the hole is picked to be in the Topopah Spring lower lithophysal unit.
Unsaturated Zone Borehole No. 16	5/27/92	10/8/93 Testing continues	N/A	Long	Geophone installation planned either last part of FY 94 or beginning of FY 95.
USW UZ7					Being cleaned and conditioned for installation of an instrumentation package.
USW SD-7	7/8/94	8/5/94			**Construction continued on the SD-7 drill pad. It is estimated that construction will be completed on or about 8/5/94.**

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WEEKLY INTERACTIONS CALENDAR

DRILLING, TRENCHING, AND TEST PIT ACTIVITIES
8/12/94

DESIGNATION	PLANNED START DATE	PLANNED END DATE	BACKFILL DATE	YMPO SITE CONTACT	COMMENTS
USW Borehole SD-9 (Stratmaster Drill Rig)	5/6/94				**The borehole was enlarged to a minimum of 8.5 inches in diameter to a depth of approximately 248.6 meters (815.8 feet) this week. Borehole reaming is preparatory to installation of a packer to seal off a small seep of water entering the borehole at a depth of approximately 412.4 meters (1353 feet). Bottom of the hole is presently in the Calico Hills tuff.**

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WEEKLY INTERACTIONS CALENDAR

DRILLING, TRENCHING, AND TEST PIT ACTIVITIES
8/12/94

DESIGNATION	PLANNED START DATE	PLANNED END DATE	BACKFILL DATE	YMPO SITE CONTACT	COMMENTS
USW SR-1/ USW SR-2 (Stagecoach Road Trench SCRT-1)					Auger drilling by a U.S. Bureau of Reclamation crew continued. The SR-1 borehole was advanced and soil material samples obtained to a depth of about 49.8 meters (163.4 feet) prior to the loss of drilling equipment downhole. The drilling equipment was determined to be unretrievable and SR-1 borehole location was abandoned. A second borehole, USW SR-2, located about ten feet from the SR-1 borehole location was spudded. The SR-2 borehole was advanced to a depth of 52.1 meters (170.7 feet). Material samples were obtained form 47.3 meters (155.1 feet) to 52.1 meters (170.7 feet).

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WEEKLY INTERACTIONS CALENDAR

DRILLING, TRENCHING, AND TEST PIT ACTIVITIES
8/12/94

DESIGNATION	PLANNED START DATE	PLANNED END DATE	BACKFILL DATE	YMPO SITE CONTACT	COMMENTS
USW NRG-6 (Joy 1 Drill Rig)					Operations to remove the remaining casing continued this week, but have been unsuccessful to date. Plans are to run in a vibratory tool to loosen the casing before a further attempt to remove it is made.
UE-25 NRG7/7A	10/21/93				USGS is conducting air permeability testing in the borehole, using an automated data collector.
ESF					**Additional work was conducted in Test Alcove 1 in preparation for radial borehole testing scheduled to begin next week.**
TRENCHES					
GDF-T1					This new trench was excavated on Whaleback Ridge across the trace of the Ghost Dance Fault.

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WEEKLY INTERACTIONS CALENDAR

DRILLING, TRENCHING, AND TEST PIT ACTIVITIES
8/12/94

DESIGNATION	PLANNED START DATE	PLANNED END DATE	BACKFILL DATE	YMPO SITE CONTACT	COMMENTS
GDF-T2					Existing Trench T-2 in Drill Hole Wash was cleaned and conditioned.
GDF-T4					Existing Trench T-4 in Split Wash was widened and deepened. A new trench was ecavated to bedrock adjacent to Trench T-4.

ESF CONSTRUCTION ACTIVITY
8/12/94

CONSTRUCTION ACTIVITY	PLANNED START DATE	COMPLETION OF CONSTRUCTION	YMPO CONTACT (SUPPORT)	COMMENT
NORTH PORTAL AREA:			T. Fortner (L. Renegar-M&O)	
Water Supply & Distribution System:	10/19/93	8/5/94		

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WEEKLY INTERACTIONS CALENDAR

- Water Line - J-13/H Road	10/19/93	6/2/94	Completed hydro test on line J13 to booster pump area.
- Fire Water/Potable Water/ Subsurface Waste Water	3/10/94	2/15/95	Continue excavating, installing pipe and backfilling for fire water, potable water and subsurface waste water lines on the North Portal Pad.
Electric Systems on the North Portal Pad	11/29/93	12/19/94	Continue electrical work on the North Portal Pad.
Concrete Batch Plan	1/5/94	6/6/94	Continue to certify plant and mix design.
Sanitary Sewer System	2/24/94	5/31/94	Continue excavating, installing pipe and backfilling for the sanitary sewer system on the North Portal Pad.
Precast Concrete Segments	3/9/94	8/17/94	Continue to establish yard at precast concrete site.
Switchgear Building	1/21/94	10/21/94	Continue electrical work for switchgear building on the North Portal Pad.
TBM Assembly Area	3/21/94	8/15/94	Continue construction work on the areas for the TBM to be assembled.

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WEEKLY INTERACTIONS CALENDAR

TBM Erection	3/29/94	8/17/94	Continue assembly work on the TBM, assembly about 50% complete.
Starter Tunnel Concrete & Track	4/29/94	8/1/94	Continue cleanup of the starter tunnel invert; poured invert mud slab.

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