

MINUTES OF THE FEBRUARY 23, 1994, QUALITY ASSURANCE MEETING

A meeting of the staff of the U.S. Nuclear Regulatory Commission and representatives of the U.S. Department of Energy (DOE), Office of Civilian Radioactive Waste Management (OCRWM), to discuss items of mutual interest with regard to quality assurance (QA), was held at the NRC Headquarters in Rockville, MD on February 23, 1994. A representative of the State of Nevada participated in the meeting. Other meeting attendees included representatives from the Nuclear Waste Technical Review Board (NWTRB); the Civilian Radioactive Waste Management System Management and Operating Contractor (M&O); Edison Electric Institute (EEI) and Weston. An attendance list is included as Attachment 1.

At this meeting, DOE presented information on the following topics: (1) an update on the status of implementing the new Quality Assurance Requirements and Description document for the Civilian Radioactive Waste Management Program (QARD); (2) an update on graded QA and the new Q-List; (3) an overview of the Tunnel Boring Machine (TBM); (4) the status of the DOE/Nye County Cooperative Drilling Program; (5) the status of corrective actions from previous audits of DOE Office of Environmental Restoration and Waste Management, Waste Management Projects, Vitrification Projects Division (EM-343); (6) an update on the audit schedule for FY 1994; (7) the status of the M&O Design Control Improvement Plan; (8) the design process and its relationship to the Determination of Importance Evaluation; and (9) an update on QA overview of site characterization field activities. The NRC discussed briefly its recent observations, surveillances and the status of QA open items. The State of Nevada expressed concern about the impact of proposed organizational changes in NRC's High Level Waste Program on QA oversight of DOE's program. DOE and the representative from EEI expressed similar concerns.

The meeting began with opening remarks followed by introduction of the attendees. Following the introductions, DOE presented an update on progress in implementing the new QARD. Progress is indicated in Attachment 2, which summarizes progress toward implementing procedures and the implementation status of the QARD. Implementation is taking place in the transition period before adoption of the new QARD. At the time of the meeting, participant organizations had completed from 80 percent for OCRWM to 100 percent for Raytheon Services Nevada (RSN) of the process of implementing the QARD where 100 percent is defined as completion and review of the matrix with all procedures in place. It was estimated that another one to two months would be required to complete the procedures. DOE stated that implementation has begun in the transition period between cancellation of the old QARD and adoption of the new QARD. DOE stated that the RSN procedures were ready to be sent. NRC indicated that it would like to receive information copies of OCRWM/Yucca Mountain Project Office QA procedures as they are updated. Attachment 2 provides a graphic summary of the status of implementing the QARD at the time of the meeting.

NRC's update on open items from its observations of DOE audits and surveillances was next on the agenda. Four items identified as weaknesses in NRC Observation Audit Reports remain open and are specified in Attachment 3. It was noted that NRC receipt of an information copy of the applicable quality assurance procedure (QAP-18-1, Certification of Audit Personnel, Revision 2) would close out NRC's concern about criteria for conducting technical evaluations not being prescribed by documented procedures. NRC staff also said that it would request clarification during the next EM-343 audit regarding investigative action, root

cause determination, and corrective action to preclude recurrence of parts of the closed Corrective Action Request. NRC noted that it had found no major problems during recent observation audits of Reynolds Electrical & Engineering Company, Inc. (YMP 94-02) and Raytheon Services Nevada (YMP 94-03).

Next, DOE gave an update on the status of the Graded QA/Q-List (Attachment 4); and discussed the Q-List, Revision 2 (Attachment 5). In response to questions from NRC staff, DOE said that the present list reflects the following approach to developing the Q-List: first place everything on the Q-list; then remove items, supporting the determinations by analysis where necessary. Thus the current list should be conservative. In response to the State's question, it was stated that the M&O's Quality Assurance Procedure (QAP) 2-3, Revision 6, "Classification of Permanent Items," would be made available within a few weeks of the meeting.

An overview of the fabrication of the TBM was presented as a ten-minute videotape. After performance testing in the Seattle, Washington area, the TBM is to be delivered to Nevada in April.

It was stated that there has not yet been agreement on activities for the DOE/Nye County Cooperative Drilling Program.

The State of Nevada asked about the nature of the proposed change in the organization of NRC's high-level waste program and expressed strong concerns regarding its effect on NRC's oversight of DOE's QA program. A need for NRC to continue to have a focused NRC high-level waste QA program centered in a specific group was highlighted. This is especially so as the emphasis is beginning to shift from looking at the adequacy of DOE's QA system to looking at the implementation and effectiveness of procedures.

DOE then discussed the status of Corrective Action Requests (CARs) issued to EM-343 in 1993 (Attachment 6). One of six outstanding CARs had been closed; all CARs are to be closed before acceptance of the EM-343 QA program. All CARs will not be verified and closed until after the next audit. The FY-94 Quality Assurance Audit Schedule, Revision 2 is included as Attachment 7.

The status of M&O design improvement efforts was discussed next by DOE. M&O QAP 2-3, Revision 6, "Classification of Items," was effective 2/15/94 and QAP 2-3, Revision 6, PCN-01, which addresses a remaining concern of DOE's Office of Quality Assurance, will be effective 3/1/94 (Attachment 8). Both NRC and the State of Nevada requested a draft copy as soon as possible. The next steps will be to check a sample of requirements for effective implementation. The scheduling of M&O audits was discussed next. Attachment 9 summarizes the discussion. Problems encountered in developing the schedules for programmatic and performance-based audits were described. Four significant CARs remained to be resolved at the time of the meeting. Next, DOE discussed the status of the Graded QA program. The revised Q-List was approved and issued on November 5, 1993, and the Quality Activities List was deleted November 4, 1993. It was noted that M&O QAP-2-3, Rev 6 will replace Administrative Procedure (AP) 6.17Q, which will receive a cancellation review before being cancelled.

DOE's update of field activities followed. In addition to discussing boreholes completed and in process and other borehole activities, completed audits and surveillances and status of CARs were discussed. The information presented is summarized in Attachment 10. In addition, slides of activities in the vicinity of the North Portal pad were shown.

The final presentation by DOE focused on the implementation plan for Determination of Importance Evaluation consolidation.

The State of Nevada was then invited to present comments, ask questions, or raise any items of concern. The State of Nevada expressed a concern that meeting minutes are not being completed in a timely manner. In addition, the State of Nevada asked whether questions and problems the auditors have at QA audits are being forwarded to DOE.

The meeting was adjourned after the participants tentatively set the next NRC/DOE QA meeting date as Wednesday, April 27, 1994.

Pauline P Brooks 6/7/94
Pauline P. Brooks
High-Level Waste and Uranium
Recovery Projects Branch
Division of Waste Management
U. S. Nuclear Regulatory Commission

Sharon L. Skuchko
Sharon L. Skuchko
Regulatory Integration Branch
Office of Civilian Radioactive
Waste Management
U. S. Department of Energy

February 23, 1994 NRC/DOE QA Meeting

ORGANIZATION/NAME

PHONE NUMBER

NRC

Kenneth R. Hooks	301-504-2447
William Belke	301-504-2445
Pauline Brooks	301-504-3465
John Jankovich	301-504-2454
Mysore Nataraja	301-504-3459
Jack Spraul	301-504-2446

DOE

Donald G. Horton	702-794-7675
Sharon L. Skuchko	202-586-4590
Richard E. Spence	702-794-7504

QATSS

Hank Greene	702-794-7369
Sam Horton	702-794-7399
Les Warner	703-841-1170

STATE OF NEVADA

Susan Zimmerman	702-687-3744
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NWTRB

Russ McFarland	703-235-4473
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CNRA

Bruce Mabrito	210-522-5149
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EI

Tom Colandrea	619-487-7510
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M&O

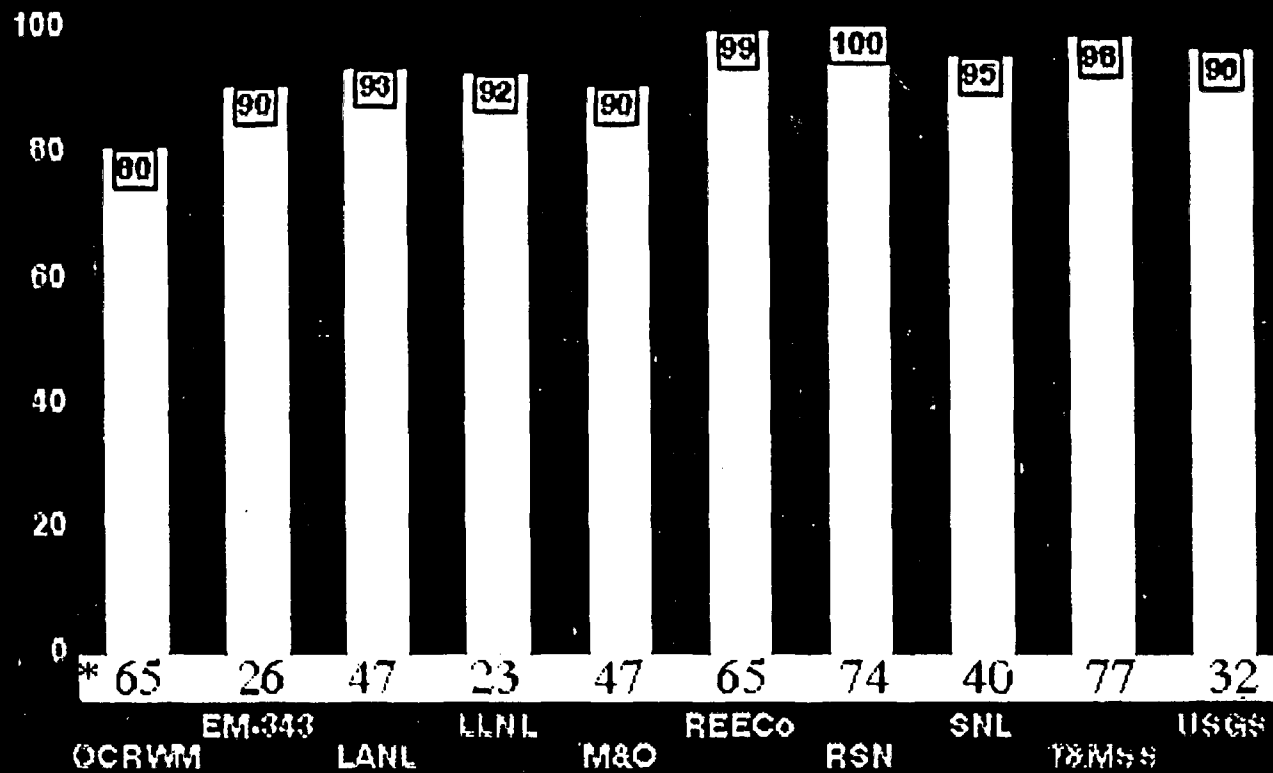
Robert Morgan	703-204-8761
Ron Ruth	702-794-7130

WESTON

Wayne Booth	202-646-6750
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QA Program Completion

* Requirements Matrix Review Completion



COPIES TO:

B.J.Y
J.L.
J.H.
K.H.
J.S.
P.B.

FROM: B. Belke

SUBJECT: STATUS OF NRC/DOE QA OPEN ITEMS - FEBRUARY 23, 1994
(Bracketed items = new items added since last QA meeting)

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>STATUS</u>	<u>RECOMMENDATION FOR CLOSURE/REMARKS</u>
1-93	Response to NRC Observation Audit Report 93-01 for USGS dated 12/7/92	OPEN	DOE should respond within 60 days of the date of the NRC Observation Audit Report transmittal. (1) Weakness 5.10 (b) (1) - Audit technical evaluations and criteria for conducting technical evaluations are not prescribed by documented instructions or procedures.
2-93	Response to NRC Observation Audit Report 93-04 for EM-343 dated 2/17/93	OPEN	(1) Weakness 5.9.2 - No list of items and activities covered by the EM-343 QA program scope of work. <div style="border: 1px solid black; padding: 5px;"><p>DOE 11/18/93 letter to NRC closes CAR written by DOE. NRC will request clarification during next EM-343 audit regarding Investigative Action, Root Cause Determination, and Corrective Action to Preclude Recurrence sections of closed CAR.</p></div>
4-93	Response to NRC Observation Surveillance Report 93-S3 for EM-343 dated 7/1/93	OPEN	(1) Waste Acc. Product Specifications for Vitrified High-Level Waste Forms performed without procedure. NRC requests DOE inform NRC of actions taken by EM-343 to preclude this type of recurrence.
5-93	Responses to NRC Observation of Sav. Riv. Audit dated 6/25/93	OPEN	(1) Deviations documented as Observations and not DCARs. (2) No list of items and activities covered by the DWPF QA program scope of work (See Item 2-93 above)

STATUS OF GRADED QA/Q-LIST

ACTIONS COMPLETED:

- ✓ **Q-List revision approved 11/05/93**
- ✓ **Quality Activities List (QAL) deleted
11/04/93**
- ✓ **AP 5.21Q requires classification during
Job Package preparation**
- ✓ **M&O QAP 2-3 revision 5 “Classification of
Items” submitted to DOE for review and
acceptance**

UPCOMING ACTIONS:

- ✓ **Comment Resolution on M&O QAP 2-3 Rev. 5**
- ✓ **Cancellation of AP 6.17Q**

Q-List, Revision 2

- **REVISED TEXT AND TABLE OF CONTENTS TO SHOW NATURAL BARRIERS MOVED FROM APPENDIX A TO SECTION 2**
- **ADDED NEW APPENDIX A**
 - RATIONALE FOR NATURAL BARRIERS ON THE Q-LIST
- **ADDED LIST OF FIGURES**
 - PAGE vii
- **ADDED ITEMS TO APPENDICES B, C, AND D**
- **ALLUVIUM HAS BEEN REMOVED FROM Q-LIST AND PLACED ON THE MANAGEMENT CONTROL LIST**

EM 343 CAR STATUS

CAR No.	Date Issued	Resp Due	Resp Extens	Second Extens	Resp Rec'd	Resp Eval	Amend Resp	CA Compl	CA Verified	Current CAR Status
HQ-93-009	2/16/93	3/15/93	4/16/93	5/21/93	5/25/93	Reject	10/13/93 Accept	11/19/93		Corrective Action verification pending
HQ-93-010	2/16/93	3/15/93	4/16/93	5/21/93	5/25/93	Reject	10/13/93 Accept	12/15/93		Corrective Action verification pending
HQ-93-011	2/16/93	3/15/93	4/16/93	5/21/93	5/25/93	Reject	10/13/93 Accept	11/1/93		Corrective Action verification pending
HQ-93-012	2/16/93	3/15/93	4/16/93	5/21/93	5/25/93	Accept	N/A	11/9/93	12/1/93	CAR Closed 12/13/93
HQ-93-027	8/5/93	8/31/93	N/A	N/A	8/23/93	Reject	12/30/93 Accept	3/31/94		Corrective Action in-process
HQ-93-028	8/5/93	8/31/83	N/A	N/A	8/23/93	Reject	12/30/93 Accept	3/31/94		Corrective Action in-process

VERIFICATIONS:

HQ-93-02 1/11/93 - 1/15/93
 HQ-SR-93-01 6/22/93 - 6/24/93
 93EA-SR-AU-01 5/3/93 - 5/5/93 and
 5/24/93 - 5/28/93 (Observation of EM)

2/22/94

**OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
FY-94 QUALITY ASSURANCE AUDIT SCHEDULE, REVISION 2**

ORGANIZATION	LOCATION	NUMBER	TEAM LEADER	DATES	QA CRITERIA
SNL	Albuquerque, NM	HQ-94-01	T. Swift	Completed	PB 1
REECo	Las Vegas, NV	YMP-94-02	D. Harris	Completed	PB 3
RSN	Las Vegas, NV	YMP-94-03	A. Arceo	Completed	All-2
EM-343 3	Germantown, MD	1	F. Bearham	4/4-8/94	All-2
REECo 4	Las Vegas, NV	YMP-94-04	F. Kratzinger	5/2-6/94	All-2
SAIC 4	Las Vegas, NV	1	R. Maudlin	5/16-20/94	All-2
M&O 5	Vienna, VA Charlotte, NC Las Vegas, NV	1	M. Horseman	5/16-20/94 5/30-6/10/94	All-2
USGS	Denver, CO	1	C. Warren	6/20-24/94	All-2
M&O 6	Las Vegas, NV	YMP-94-01	K. Gilkerson	6/27-7/1/94	PB 2
OCRWM 4	Washington, DC	1	T. Rodgers	7/11-15/94	All-2
SNL 6	Albuquerque, NM	1	R. Maudlin	7/18-22/94	PB 4
YMPO 4	Las Vegas, NV	1	M. Horseman	7/25-29/94	All-2
LANL 4	Los Alamos, NM	1	R. Weeks	8/8-12/94	All-2
SNL	Albuquerque, NM	1	K. McFall	8/22-26/94	All-2
LLNL 4	Livermore, CA	1	R. Constable	9/19-23/94	All-2

OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT
FY-94 QUALITY ASSURANCE AUDIT SCHEDULE, REVISION 2

NOTES:

PB 1 Performance based of Organization, QA Program, Design Control, Procurement, Implementing Documents, Document Control, Corrective Action, QA Records, Audits, and Software.

PB 2 Performance based audit of Design Control and Implementing Documents.

PB 3 Performance based audit of Procurement Document Control and Control of Purchased Items and Services.

PB 4 Performance based audit of Phase I Regional Climate Modeling.

- 1) Audit number will be assigned when the Audit Plan is issued.
- 2) Compliance to DOE/RW-0333P, Revision 0.
- 3) Rescheduled to allow full implementation of DOE/RW-0333P, Revision 0.
- 4) Rescheduled based upon approval of new QA Program and its implementation.
- 5) Joint HQAD and YMQAD audit of the M&O at the Vienna, Charlotte, and Las Vegas locations. Rescheduled based upon anticipated completion of the procedural upgrade.
- 6) Rescheduled based upon availability of QA related activities and product.

Director, Office of Quality Assurance:



Date:

2/17/94

STATUS OF M&O DESIGN IMPROVEMENT EFFORTS

**NRC/DOE MEETING
February 23, 1994**

M&O DESIGN CONTROL IMPROVEMENT PLAN

MGDS Design Control Improvement Plan

- * Identified 17 areas where improvement was needed**
 - Based on Self Assessment and Evaluation of internal and external CARs**
- * Established 54 specific actions to be taken**

IMPLEMENTATION

- * 48 actions complete**
- * 6 on-going**

6 ON-GOING ACTION ITEMS

ACTION F1 - Ensure QAP 2-3 is approved for use at MGDS

ACTION L2 - Establish Procedure Review Team to trial run procedures

ACTION M1 - Develop MGDS Design Guidelines Manual

ACTION Q3 -DOE - EDD & M&O Management to evaluate implementation of MGDS Design Control Improvement Plan

ACTION O1 -Incoprorate RSN-BFD sections for Design Package 1A into M&O BFD

ACTION O2 -Revise RSN dwgs;specs; and calcs. for new traceability

M&O DESIGN CONTROL IMPROVEMENT PLAN

OPEN ACTIONS

- * Ensure QAP-2-3 (Classification of Items) completed and approved for use at MGDS. OQA Acceptance required by contract (Action F1)**

STATUS

- OQA comments have been resolved**
- QAP-2-3, Revision 5, Procedure Change Notice (PCN)-01 was effective 1/18/94 and addressed all but one OQA comment**
- QAP-2-3, Revision 6 was effective 2/15/94**
- QAP-2-3, Revision 6, PCN-01 will be effective 3/1/94 and will address the one remaining OQA comment**

M&O DESIGN CONTROL IMPROVEMENT PLAN

OPEN ACTIONS

- * Procedure Review Team(PRT) established to trial run procedures (Action L2)**

STATUS

- PRT has reviewed 10 of the 13 QAPs that describe the design process**
- Revisions to the design process QAPs that reflect PRT comments are scheduled to be issued by 4/1/94**

M&O DESIGN CONTROL IMPROVEMENT PLAN

OPEN ACTIONS

- * Develop MGDS Design Guidelines Manual (Action M1)**
 - Suggested topics: Generic process flow; organization interfaces, responsibility and authority; Design Requirements; Databases; Reviews; Design Outputs**

STATUS:

- First Draft reviewed by OQA and comments provided to the M&O**
- Second Draft issued 2/18/94**
- Approved Manual due to be released 3/25/94**

M&O DESIGN CONTROL IMPROVEMENT PLAN

OPEN ACTIONS

- * DOE Engineering and Development Division and M&O management to evaluate Implementation of MGDS Design Control Improvement Plan (Action Q3)**

STATUS:

- Action Plan has been developed**
- This action is independent of any OQA verifications**
- Expected Completion Date: 4/1/94**

M&O DESIGN CONTROL IMPROVEMENT PLAN

OPEN ACTIONS

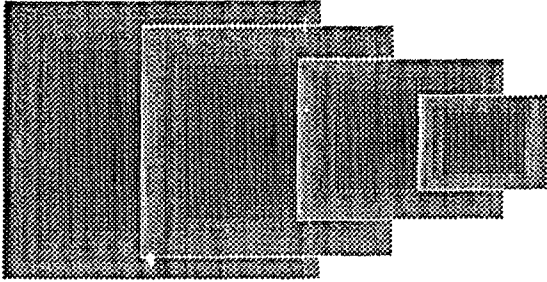
- * Incorporate relevant RSN BFD sections for ESF Design Package 1A into M&O BFD; prepare baseline change for combined BFD (Action O1)**
- * Revise RSN drawings, specifications, calculations for new traceability; adopt fully as M&O products (Action O2)**

STATUS:

- Expected Completion Date: FY95**
- Actions to be tracked separately from MGDS Design Control Improvement Plan**



SCHEDULING OF M&O AUDITS



**NRC/DOE MEETING
February 23, 1994**

SCHEDULING OF M&O AUDITS

☛ **Last Audit Performed on the M&O**
Headquarters - 2/93
Yucca Mountain - 3/93

☛ **Audits of M&O to be two parts**

Programmatic

Aug - 93
Mar - Apr - 94

Performance Based

Nov - 93
Mar - 94

New Schedule

May 23 - June 10
1994

June - 27
1994

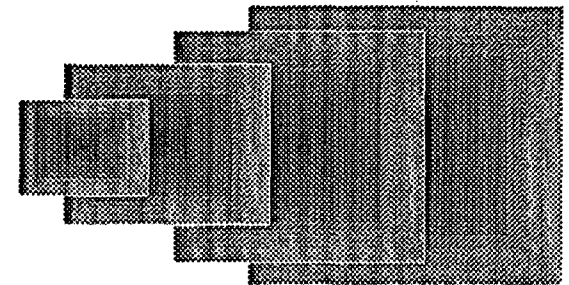
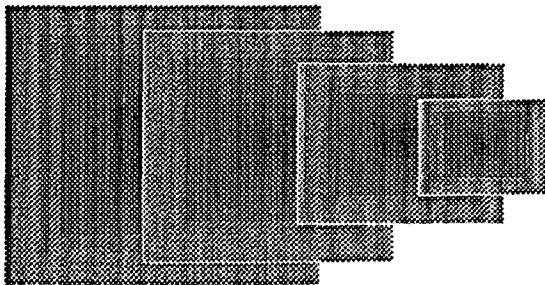
REASONS FOR RESCHEDULING AUDITS

✓ PROGRAMMATIC

- Program deficiency identification - culminated August 93' with Get Well Plan initiated
- Numerous unresolved CARs
- Continuous procedure revision (affects RTN approval)
- Improvements still needed in the Audit/Surveillance process

✓ PERFORMANCE BASED

- Completion of Design Package 2c (North Ramp to TSL;274m) schedule slip from March to April 26 - 94



HQ
SURVEILLANCES TO BE PERFORMED
TO MONITOR IN PROCESS WORK

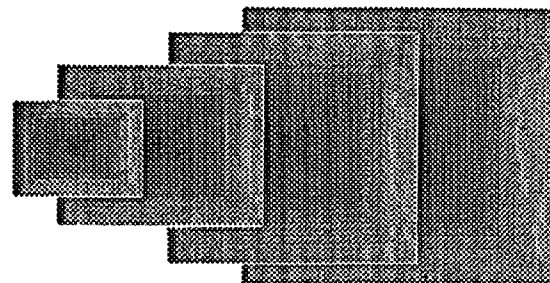
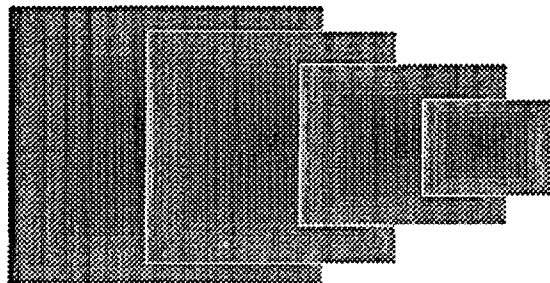
SURV.NO.	ORG./LOC.	ACTIVITY	Date Scheduled	COMMENTS
HQ-SR-94-09	M&O/VA	Status/Control of SRD open issues - RSD revisions	4-94	
HQ-SR-94-10	M&O/VA	Qualification and training of personnel	6-94	
HQ-SR-94-11	M&O/VA	M&O Purchasing System	6-94	
HQ-SR-94-06	M&O/VA	Classification of Items	7-94	
HQ-SR-94-05	M&O/VA	Verification and follow up of Remedial Action for deficiencies corrected during audits/surveillances	8-94	
HQ-SR-94-14	M&O/VA	Preparation and Review of the Interface Control Documents (ICDs)	8-94	
HQ-SR-94-15	M&O/VA	Flowdown of SRD Requirements into Design Requirements Documents (DRDs)	9-94	

**YMP
SURVEILLANCES TO BE PERFORMED
TO MONITOR IN PROCESS WORK**

SURV.NO.	ORG./LOC.	ACTIVITY	Date Scheduled	COMMENTS
YMP 94-028	M&O/LV	Document Control for Forms	2-7-94	
YMP 94-029	M&O/LV	Observation of Internal Audit	2-25-94	
YMP 94-030	M&O/LV	Test Interference Evaluations	2-14-94	
YMP 94-033	M&O/LV	Tech. Data Management as it relates to Design Output	3-28-94	
YMP 94-32	M&O/LV	Verification of Implementation of the M&O MGDS Design Control Improvement Plan	5-2-94	

YMP
SURVEILLANCES TO BE PERFORMED
TO MONITOR IN PROCESS WORK

SURV.NO.	ORG./LOC.	ACTIVITY	Date Scheduled	COMMENTS
YMP 94-034	M&O/LV	Expedited FCR Process	2-21-94	
YMP 94-0XX	M&O/LV	M&O Surveillance Process	TBD	
YMP 94-0XX	M&O/LV	Waste Isolation Evaluations	TBD	
YMP-94-XX	M&O/LV	QA Classification on Dwgs. & Specs.	TBD	
YMP 94-0XX	M&O/LV	Required Specification Submittals	TBD	





FIELD ACTIVITIES
UPDATE

February 23, 1994

FIELD ACTIVITIES UPDATE

Completed Boreholes to Date

- ▶ Total footage drilled to date (completed holes) - 10,606.6 feet
- ▶ Neutron - 24 - 3077 feet (N11, N15, N16, N17, N27, N31, N32, N33, N34, N35, N36, N37, N38, N39, N53, N54, N55, N57, N58, N59, N61, N62, N63 and N64)
- ▶ Unsaturated Zone (UZ) - 16 - 1686.2 feet
- ▶ JF - 3 - 1298 feet
- ▶ North Ramp Geologic (NRG) - 8 holes - 4545.4 feet (NRG - 1, - 2, - 2a, - 2b, - 3, - 4, - 5 and - 6)

FIELD ACTIVITIES UPDATE

(continued)

In-Progress Boreholes

- ▶ **USW NRG-7/7A:** Cored to 1243 feet as of February 9, 1994 (planned total depth is approximately 1,445 feet)
- ▶ **UE-25 NRG-2c:** Cored to 56 feet as of February 9, 1994 (planned total depth is approximately 160 feet)
- ▶ **USW SD-12:** Cored to 50 feet as of February 9, 1994 (planned total depth = 2300 feet)
- ▶ **UE-25 NRG-2d:** Drilled to 38 feet as of February 9, 1994 (planned total depth is approximately 160 feet)
- ▶ **UZ-14:** Cored to 1,422 feet as of November 5, 1993 (planned total depth = 2,000 feet)
NOTE: Drilling postponed due to presence of perched water.

FIELD ACTIVITIES UPDATE

(continued)

Other Borehole Activities

Geophysical Logging with Slim-Hole Tools:

**Resistivity
Neutron
Density**

**Caliper
Gamma Ray**

Of the following Boreholes:

NRG-2

NRG-3

NRG-6

NRG-2A

NRG-4

NRG-2B

NRG-5

Deviation Survey of following Boreholes:

NRG-7A

WT-2

Air permeability Testng in UE-25 UZ#16. By USGS.

FIELD ACTIVITIES UPDATE

(continued)

Exploratory Studies Facility (ESF) Update

- ▶ **Alcove #1 Complete.**
- ▶ **Geologic mapping of Alcove #1 complete.**
- ▶ **Hydrochemistry tests beginning in Alcove #1.**

FIELD ACTIVITIES UPDATE

(continued)

Surveillances of Field Activities

15 surveillances of Field Activities of YMP Affected Organizations have been completed for FY 94 to date by YMQAD staff.

Participant	Number of surveillances
LANL	1
M&O	2
REEC ₀	8
RSN	2
USGS	1
YMPO	1
LLNL	1

FIELD ACTIVITIES UPDATE

(continued)

QA Activities of Field Activities by YMP Affected Organizations for FY'94

Completed Audits/Surveillances		Planned Audits/Surveillances	
M&O	40	2	
LANL	0	1	
LLNL	0	2	
REEC _o	4	5	
RSN	4	5	
SNL	1	3	
SAIC	1	4	
USGS	0	21	

Note: Inspections included for M&O.

FIELD ACTIVITIES UPDATE

(continued)

Surveillances Completed for FY'94:

94-002	RSN	Field surveying to verify corrective action for CAR YM-93-032
94-003	REEC _o	Control of water usage
94-005	REEC _o	Rockbolt installation
94-006	M.&O.	Waste Isolation Evaluation for trenching CAR YM-94-011
94-010	REEC _o	Follow-up of Control of Water Usage CARs YM-94-008 and YM-94-009
94-012	USGS	Air Permeability Studies
94-014	LANL/LLNL	Large Block Heater Tests
94-015	REEC _o	Material Identification
94-016	RSN	Control of surveying primary reference points
94-017	REEC _o	Control of M.&T.E.

FIELD ACTIVITIES UPDATE

(continued)

Surveillances Completed for FY'94 (continued):

94-018	REECo	Repair of Drill Hole Casing NRG-2
94-019	YMPO	SMF Specimen Removal Procedures
94-022	REECo	Borehole Security Program
94-022	M&O	Status of Record for Job Package 92-20
94-023	REECo	Pull-testing of Rockbolts

FIELD ACTIVITIES UPDATE

(continued)

Reviews Completed - FY'94 Totals

- ▶ **Job Packages Reviewed - 1**
- ▶ **Test Planning Packages Reviewed - 2**

FIELD ACTIVITIES UPDATE

(continued)

Corrective Action Requests Issued and Closed Related to Field and Test Activities to date for FY94

- ▶ **CARs issued - 8**
- ▶ **CARs closed - 2**