



Department of Energy

Washington, DC 20585

QA: L

APR 03 1997

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Yucca Mountain Site Characterization
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**VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF DEFICIENCY REPORT
(DR) YM-96-D-098 RESULTING FROM OFFICE OF QUALITY ASSURANCE (OQA)
AUDIT HQ-ARC-96-003 OF THE YUCCA MOUNTAIN SITE CHARACTERIZATION
OFFICE**

The OQA staff has verified the corrective action to DR YM-96-D-098 and determined the results to be satisfactory. As a result, the DR is considered closed.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or John R. Doyle at (702) 794-1465.

Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-1293

Enclosure:
DR YM-96-D-098

cc w/encl:

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OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.8 ☐ Performance Report
☒ Deficiency Report

NO. YM-96-D-098

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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
Quality Assurance Requirements and Description (QARD), Rev. 52 Related Report No.
HQ-ARC-96-0033 Responsible Organization:
Yucca Mountain Site Characterization Office (YMSCO)
- AMEFO4 Discussed With:
Bernard J. Verna

5 Requirement/Measurement Criteria:

QARD Section 7.0, Paragraph 7.2.1, states, in part, "Procurements shall be planned and documented to ensure a systematic approach to the procurement process. Procurement planning shall:

D. Provide for the integration of the following activities:

8. Acceptance of items and service."

QARD 2.0, Paragraph 2.2.1B., states in part, "Affected organizations shall establish implementing documents applicable to their scope of work that translate QARD requirements into work processes.

6 Description of Condition:

Contrary to the above requirements YMSCO-Assistant Manager for Engineering and Field Operations has not established implementing documents for the acceptance of items and services (Specifications and Drawings) when those items and services are not identified as deliverables in accordance with Yucca Mountain Site Characterization project Administrative Procedure YAP-5.1Q, Revision 3, "Submittal of Documents for Development, Change, Review, and Deliverable Acceptance.

Examples of this deficiency include the design for the South Portal and South Portal Access Road.

7 Initiator

John S. Martin

Date 09/11/96

9 Is condition an isolated occurrence?

☐ Yes ☐ No ☒ Unknown; Must be Yes if PR

10 Recommended Actions: (Not required for PR)

- 1) Investigate the process to determine how those services will be accepted and review and/or develop procedures as necessary.
- 2) Perform those actions necessary to accept those services noted in Block 6.

11 QA Review

QAR

Date 9/18/96

12 Response Due Date

10/31/96

13 Affected Organization QA Manager Issuance Approval: (QAR for PR)

Printed Name Donald G. Horton

Signature R.W. Cluff

Date 9/18/96

22 Corrective Actions Verified

QAR

Date 3/22/97

23 Closure Approved by: (N/A for PR)

AQOAM

Date 4/1/97

Exhibit AP-16.1Q.1

Rev. 07/15/96

Enclosure

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PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

AMEFO has reviewed the Description of condition and will initiate action to delete the YLP-3.2Q-AMEFO by January 31, 1997. Acceptance of deliverables such as drawings and specifications will now be conducted under procedure YAP-5.1Q, Revision 3. Specifically, Section 5.4 "YMSCO DELIVERABLE ACCEPTANCE REVIEW" will be applicable.

Acceptance will be performed via 5.1 and the DOE Audits and Surveillance program.

15 Extent of Condition: (Not required for PR)

Confusion may have existed based on interviews with AMEFO/PMO staff on August 5-9. Evidence exists that after the audit on the South Portal Design, the design was accepted in accordance with YAP-5.1Q. Further investigation actions will be performed by January 31, 1997 to determine if YAP-5.1Q program was used for earlier AMEFO deliverables.

16 Root Cause Determination: (Not required for PR)

Required ☐ Yes ☐ No

N/A

17 Action to Preclude Recurrence: (Not required for PR)

Required ☐ Yes ☐ No

YLP-3.2Q-AMEFO will be deleted and acceptance of Q-deliverables (drawings and specs) will be conducted in accordance with YAP-5.1Q.

Training AMEFO and PMO by January 31, 1997.

18 Corrective Action Completion Due Date:
January 31, 1997

19 Response by: Robert Barton

☒ Initial
☐ Amended

Date 11/13/96

Phone 794-1455

20 Response Accepted

QAR

Date 11/21/96

21 Response Accepted (N/A for PR):

AQAM

Date 12/4/96

Exhibit AP-16.1Q.2

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PR/DR CONTINUATION PAGE

VERIFICATION OF CORRECTIVE ACTIONS TO DEFICIENCY REPORT YM-97-D-098

Block 14 Remedial Action:

Verified through review of Document Record Review dtd. 1/22/97 for DAR No. 1978 that YLP 3.2 Q "Criteria For Document Reviews Performed by the Assistant Manager For Engineering and Field Operation" has been cancelled. In addition reviewed Electronic Procedures Database and controlled manual # 102538 gives evidence that this procedure has been cancelled and withdrawn.

Block 15 Extent of Condition:

Verified YMP Deliverable Acceptance Review (YAR) request 0697A dtd. 9/11/96 for the South Portal Design. Conversations with Management and Technical Support personnel reveals that no specifications and drawings have been submitted during the time of the issuing of the DR and January 31, 1997.

Block 16 Root Cause Determination:

None Required

Block 17 Action to Prevent Recurrence:

1a.) See Block 14

1b.) No specifications and drawings have been accepted through the YAP-5.1Q process as of this verification. Verified that the following deliverable have been accepted in accordance with YAP-5.1Q:

" Uncanistered Fuel Receipt and Handling Results Letter Report " dtd. 11/14/96

" Issue Quarterly Report on VIC Permit " dtd. 1/29/97

" Initiation of Relative Humidity Chamber Corrosion Tests " dtd. 1/17/97

" Regulatory Interaction 2nd Quarter Summary Report " dtd. 1/15/97

2. Verified training records of the following AMEFO and Personnel for YAP-5.1Q:

Richard Craun ,
Wendy Dixon
Steve Brocoum

It was noted PMO personnel are not responsible for this procedure and are not required to be trained to it.

The above actions have be satisfactorily verified, this Deficiency Report is considered closed:

QAR:

John R. Day

Date:

3/26/97