



Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 98608
Las Vegas, NV 89193-8608

APR 12 1996

Robert W. Craig
Acting Technical Project Officer
for Yucca Mountain Site
Characterization Project
U.S. Geological Survey
Bank of America Center, Suite 860
101 Convention Center Drive
Las Vegas, NV 89109

ISSUANCE OF CORRECTIVE ACTION REQUEST (CAR) YMQAD-96-C005 RESULTING FROM
YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION'S (YMQAD) AUDIT YM-ARC-96-10
OF U.S. GEOLOGICAL SURVEY (SCPB: N/A)

Enclosed is CAR YMQAD-96-C005 generated as a result of YMQAD Audit
YM-ARC-96-10. The related Deficiency, Performance Reports and another
CAR have been issued under separate cover.

Please identify the corrective actions to be taken and implemented to
correct the deficiencies. CAR/SWO Continuation Pages have been
provided. Send the original of your response to Deborah Sult,
YMQAD/QATSS, 101 Convention Center Drive, Suite 640, Las Vegas, Nevada
89109. Response to the CAR is due 20 working days from the date of
issuance. Any extension to the due date must be requested in writing,
with appropriate justification, prior to the due date.

If you have any questions, please contact either Robert B. Constable at
(702) 794-7945 or Richard L. Maudlin at (702) 794-7290.

Robert B. Constable

YMQAD:RBC-1547

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

Enclosures:

1. CAR YMQAD-96-C005
2. CAR/SWO Continuation Page

9604220375 960412
PDR WASTE
WM-11 PDR

220119

102.7
WM-11
N403/1

Robert W. Craig

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cc w/encls:

~~D. G. Spraul~~, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
D. G. Horton, OQA (RW-3) NV
T. H. Chaney, USGS, Denver, CO
W. E. Barnes, YMSCO, NV
Records Processing Center

cc w/o encls:

W. L. Belke, NRC, Las Vegas, NV
R. L. Maudlin, YMQAD/QATSS, Las Vegas, NV
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

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RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

⁸
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CORRECTIVE ACTION REQUEST

1 Controlling Document: QARD, DOE/RW-0333P, Revision 5, and AP-16.1Q, Revision 0	2 Related Report No.: YM-ARC-96-10
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3 Responsible Organization: U.S. Geological Survey (USGS)	4 Discussed With: P. Rodriguez / T. Chaney
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5 Requirement:

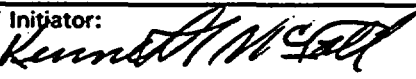
1. QARD, Revision 5, Paragraph 16.2.5, requires the QA organization to close corrective action documentation in a timely manner when actions are complete.
2. AP-16.1Q, Revision 0, Paragraph 5.1.3b requires the Affected Organization PR/DR Coordinator to maintain a log of PRs and DRs.
AP-16.1Q, Revision 0, Paragraph 5.1.5c requires the PR/DR Coordinator to update the PR/DR log as PRs and DRs are issued or change in status occurs.
AP-16.1Q, Revision 0, Paragraph 6.3 requires that the PR/DR log be maintained for tracking the progress and status of PRs and DRs. The PR/DR log identifies, as a minimum, the unique PR or DR number, the assigned QAR, the organization responsible for responding to the PR or DR, the date of issuance, and other action due dates, as appropriate.

6 Description of Condition:

1. Contrary to the above requirement, USGS-95-D001 was closed over five months after the completed corrective action.
2. Contrary to the above requirements, the PR/DR log has not been maintained current.
3. Contrary to the above requirement, there is no documentation for USGS-95-D012, D013, D014, D015, and D017.
4. Contrary to the above requirement there is no documented evidence that the following deficiency documents have ever received a response.

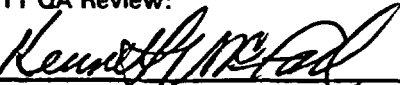
DOCUMENT	RESPONSE DUE DATE
USGS-95-D010	No Response date given, but issued 9/7/95
USGS-95-016	10/18/95
USGS-95-D002	10/6/95
USGS-96-P006	1/25/96

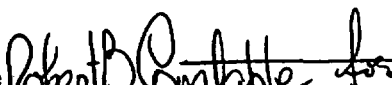
5. Contrary to the above requirements, the following PRs were initiated to address conditions adverse to quality, but were not issued by USGS: USGS-96-P001, P002, P003, P004, P005, P006, P007, and P008.

7 Initiator:  Kenneth T. McFall Date <u>3/29/96</u>	9. Does a stop work condition exist? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ; If Yes, Attach copy of SWO If Yes, Check One: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D
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10: Recommended Actions:

- Take immediate action to determine the status of USGS-95-D012, D013, D014, D015, and D017. Prepare corrective action documents accordingly.
- Perform remedial action to bring deficiencies up to date.
- Investigate the extent of the deficiency. Examine all initiated PRs and DRs
- Perform a root cause analysis to determine how and why the deficient conditions came about.
- Determine the actions necessary to preclude recurrence.

11 QA Review:  Date <u>3/29/96</u>	12 Response Due Date: 20 working days from issuance
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13 Affected Organization QA Manager Issuance Approval: Printed Name <u>R.E. SPENCE</u> Signature  Date <u>4-10-96</u>
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8 ☒ Corrective Action Request
☐ Stop Work Order

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Block 5, Requirement, cont'd

3. AP-16.1Q, Revision 0, Paragraph 5.1.5b, requires the PR DR Coordinator to maintain PRs, DRs, continuation page(s), requests for extension and all relevant correspondence for status and records.
4. AP-16.1Q, Revision 0, Paragraph 5.3h, requires the Responsible Individual to transmit a response by the response due date to the PR/DR Coordinator.
5. AP-16.1Q, Revision 0, Paragraph 5.1.2.1, requires the QAR to issue a copy of the PR to the Responsible Individual for response with a copy to the Affected Organization's QA Manager for notification.
6. AP-16.1Q, Revision 0, Paragraph 5.1.4.C requires the Affected Organization's QA Manager to forward a copy of the DR with applicable issuance correspondence to the Responsible Individual.

Block 6, Description of Condition, cont'd

6. Contrary to the above requirement, the following DRs were initiated to address conditions adverse to quality, but were not issued by USGS: USGS-95-D010, D012, D014, D015, D017, and D018.

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