



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

OCT 22 1996

R. W. Craig
Technical Project Officer
For Yucca Mountain
Site Characterization Project
U.S. Geological Survey
1261 Town Center Drive
Building 4, Room 423, M/S 423
Las Vegas, NV 89134

ISSUANCE OF DR YM-97-D-003 RESULTING FROM FIELD CHECK

Enclosed is Deficiency Report (DR) YM-97-D-003 generated as a result of a routine field check of borehole protection status.

Please provide a response to the deficiency that meets the applicable requirements of Administrative Procedure 16.1Q, Performance/Deficiency Reporting. Send the original of your response to Deborah Sult, YMQA/QATSS, P.O. Box 98608, Mail Stop 455, Las Vegas, Nevada 89193-8608. Response to the DR is due 20 working days from the date of this letter. 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 Mario R. Diaz at (702) 794-1489 or John R. Doyle at (702) 794-1465.


for Richard E. Spence
Yucca Mountain Quality Assurance

YMQA:MRD-0134

Enclosure:
DR YM-97-D-003

cc w/encl:

J. G. Spraul, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
T. H. Chaney, USGS, Denver, CO
Records Processing Center

cc w/o encl:

W. L. Belke, NRC, Las Vegas, NV
S. C. Smith, M&O, Las Vegas, NV
J. R. Doyle, YMQA/QATSS, Las Vegas, NV
D. G. Sult, YMQA/QATSS, Las Vegas, NV
D. G. Horton, DOE/OQA, Las Vegas, NV

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Recip: NMSS/PAHL

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

8 ☐ Performance Report
☒ Deficiency Report
 NO. YM-97-D-003
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 QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
YAP-13.1Q

2 Related Report No.

N/A

3 Responsible Organization:
USGS

4 Discussed With:
Debbie Edwards via Lotus Note (10/2/96)

5 Requirement/Measurement Criteria:
YAP-13.1Q:

Section 5.3.1 a) ensure that the cap is tightly secured on the borehole after each access episode, and that the cap cannot be removed without unlocking.

6 Description of Condition:

On 10/2/96, during a routine field check of borehole protection status, the following YMP boreholes were found unsecured and in non-conformance with borehole protection procedure (YAP-13.1Q):

BOREHOLE ID: USW-H3

CONDITION FOUND: of the two stickups at the borehole, one is locked and secure and the other was found uncapped with the lock open and the cap laying to the side.

FIELD ACTION TAKEN: cap relocked on uncovered stickup, securing borehole.

BOREHOLE ID: USW-WT-1

CONDITION FOUND: the stickups at the borehole was found unlocked with the threaded cap in the stickup.

FIELD ACTION TAKEN: cap relocked on stickup, securing borehole.

7 Initiator

Steven Smith

Date 10/03/96

9 Is condition an isolated occurrence?

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

10 Recommended Actions: (Not required for PR)

Re-indoctrination of field personnel accessing YMP boreholes (USGS, et. al.) to assure their complete understanding of the YMP borehole protection procedure and requirements imposed on project participants at the site.

Note: Inspection of the physical protective conditions of YMP boreholes is an ongoing process based on borehole protection procedural requirements and there fore not included as a recommendation under item 10.

11 QA Review

QAR John R. Doyle

Date 10/17/96

12 Response Due Date

20 working days from issuance

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

Printed Name DONALD G. HORTON

Signature

Date 10/21/96

22 Corrective Actions Verified

QAR

Date

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

AOQAM

Date