



Department of Energy

Washington, DC 20585

MAY 20 1997

QA: L

L. D. Foust, Technical Project Officer
for Yucca Mountain Site
Characterization Project
TRW Environmental Safety Systems, Inc.
1180 Town Center Drive, M/S 423
Las Vegas, NV 89134

ISSUANCE OF DEFICIENCY REPORT (DR) YM-97-D-042 RESULTING FROM OFFICE OF QUALITY ASSURANCE (OQA) SURVEILLANCE M&O-SR-97-025

Enclosed is DR YM-97-D-042 generated as a result of OQA Surveillance M&O-SR-97-025.

Please identify the corrective action to be taken and implemented to correct the deficiency. Send the original of your response to Deborah Sult, OQA/QATSS, P.O. Box 30307, Mail Stop 455, North Las Vegas, Nevada 89036-0307. 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 James Blaylock at (702) 794-1420 or Daniel A. Klimas at (702) 794-1495.

Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-1560

Enclosure:
DR YM-97-D-042

cc w/encl:

T. A. Wood, DOE/HQ (RW-55) FORS
J. O. Thomas, NRC, Washington, DC
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cc w/o encl:

W. L. Belke, NRC, Las Vegas, NV
D. A. Klimas, OQA/QATSS, Las Vegas, NV
D. G. Sult, OQA/QATSS, Las Vegas, NV
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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-97-D-042
PAGE 1 OF 2
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
Quality Assurance Requirements and Description (QARD), DOE/RW-0333P, Rev. 5

2 Related Report No.
M&O-SR-97-025

3 Responsible Organization:
Management and Operating Contractor
(M&O), University of Nevada, Reno (UNR)

4 Discussed With:
David Von Seggern, J. N. Brune, Ken Smith,
Glenn Biasi, Darrell Porter

5 Requirement/Measurement Criteria:

QAP-2-1, Rev. 05, Indoctrination and Training, requires a completed Activity Evaluation to be reviewed. (Section 5.2.1A), Reading/Self study records or attendance of classroom training for each individual working on the project (Section 5.2.1C)
QAP-2-2, Rev. 2, PO3, Verification of Personnel Qualifications, requires a Resume or Summary of work experience (Section 5.1.4), and verification of education and experience for each individual (Sections 5.2.1 and 5.3).
QAP-7-0, Rev. 0, Procurement Control Process, requires Section 5 steps to be followed to acquire "services that are subject to Quality Assurance Requirements and Description (QARD) requirements."
QAP-SIII-3, Rev. 1, Scientific Notebooks, requires an initial entry to include, among other things, a Table of Contents, list of personnel making entries, etc.

(Continued on Page 2)

6 Description of Condition:

Contrary to the above requirements:

- Training records did not contain the Activity Evaluation for any of the UNR staff, reading/self study records were not found for Rasool Anooshehpour and Walter Nicks. Resumes were not found for Glenn Biasi, Brant Wilhelm, and Nancy Stennes. verification of education and experience was not complete for Gordon Shields, Ken Smith, Walter Nicks, Arthur Aburto, Brant Wilhelm, and John Torrisi. No training records were available for Diane DePolo.
- Scientific Notebooks do not comply with the requirements of the Civilian Radioactive Waste Management System Management and Operating Contractor (CRWMS M&O) procedure QAP-SIII-3, "Scientific Notebooks."
- Services for the calibration of a voltmeter were not obtained using the M&O procedure QAP-7-0, "Procurement Control Process."
- Records of tapes for seismic activity are not being retained in a 1-hour fire rated area, dual storage, or submitted within 90 days of completion to the Records Processing Center.
- Nevada Work Instructions did not contain the requirements for Control of Electronic Management of Data from Supplement V of the QARD that apply to the University work.

7 Initiator

Daniel Klimas

Date

5/13/97

9 Is condition an isolated occurrence?

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

10 Recommended Actions: (Not required for PR)

Complete the training records to meet the M&O procedures, clean up Scientific Notebooks to meet QAP-SIII-3 and close out notebooks that will not be used beyond the transition date of work from the U.S. Geological Survey to the M&O/UNR, resolve the procurement issue with the M&O to preclude procurement of services outside the procedure requirements, find a storage location in another building to house the data tapes or submit records to the Records Processing Center within 90 days of completion, and include in the appropriate NWIs the implementation steps for compliance with the appropriate requirements of Supplement V of the QARD.

11 QA Review

QAR

Date

5/13/97

12 Response Due Date

20 days after date of issue.

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

Printed Name Donald G. Huston

Signature

Date

5/19/97

22 Corrective Actions Verified

QAR

Date

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

AOQAM

Date

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

8 ☐ Performance Report
☒ Deficiency Report

NO. YM-97-D-042

PAGE 2 OF 2

QA: L

PR/DR CONTINUATION PAGE

Block 5 (Continued)

AP-17.1Q, Rev. 0 ICN0, requires storage of records in a 1-hour fire rated container or facility, dual storage, or submittal of records to the Records Processing Center within 90 days of completion.

The QARD, Supplement V, Control of the Electronic Management of Data, requires the security of the data is maintained including integrity of the data and when data is retrieved using a query language, the query is checked to ensure it satisfies the Affected Organization's requirements for its intended use. (Section V.2.1C. and D.)

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WASHINGTON, D.C.

PR/DR NO. _____

PAGE _____ OF _____

QA: L

PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

15 Extent of Condition: (Not required for PR)

16 Root Cause Determination: (Not required for PR)

Required

☐ Yes

☐ No

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

Required

☐ Yes

☐ No

18 Corrective Action Completion Due Date:

19 Response by:

☐ Initial

☐ Amended

Date

Phone

20 Response Accepted

QAR

Date

21 Response Accepted (N/A for PR):

AOQAM

Date