



Department of Energy

Washington, DC 20585

JAN 20 1997

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 DEFICIENCY REPORT (DR) YM-97-D-024 RESULTING FROM OFFICE
OF QUALITY ASSURANCE (OQA) SUPPLIER AUDIT OQA-SA-97-008 OF QUALITY
CONTROL SERVICES

Enclosed is DR YM-97-D-024 generated as a result of OQA Supplier Audit OQA-SA-97-008.

Please provide a response to this deficiency that meets the applicable requirements of
Administrative Procedure 16.1Q, Performance/Deficiency Reporting. Send the original of
your response to Deborah Sult, OQA/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
Richard L. Maudlin at (702) 794-1302.

R.W. Craig
Fr Donald G. Horton, Director
Office of Quality Assurance

OQA:MRD- 0719

Enclosure:
DR YM-97-D-024

9701280169 970120
PDR WASTE
WM-11 PDR

280038



Printed with soy ink on recycled paper

Recp: nmss/HLUK

NH33
1/1
wm-11
102.7

R. W. Craig

-2-

JAN 20 1997

cc w/encl:

J. O. Thoma, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
T. H. Chaney, USGS, Denver, CO
Records Processing Center = "7"

cc w/o encl:

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

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

8 Performance Report
 Deficiency Report

NO. YM-97-D-024

PAGE 1 OF 2
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:

Quality Control Services QA Manual, March 8, 1994

2 Related Report No.

OQA-97-SA-008

3 Responsible Organization:

USGS / Quality Control Services

4 Discussed With:

George Cahill

5 Requirement/Measurement Criteria:

QCS QA Manual, Section 5.2.4 states in part: "The chief quality officer will appoint an independent person to review the quality program periodically (annually at a minimum). Addressed in the review will be..."

QCS QA Manual, Section 6.2.4.3 states in part: "All purchase orders will accurately describe the product or service required, all quality requirements..."

QCS QA Manual, Section 5.4.4 states in part: "Internal quality audits will be performed annually to verify implementation and effectiveness of the quality system..."

6 Description of Condition:

- A. No objective evidence could be provided to support the performance of annual management reviews.
- B. Purchase Orders issued by Quality Control Services do not include reference to quality requirements to be implemented in the performance of the service or manufacture of the item. An example was QCS P.O. 2709.
Note: None of the purchase orders issued by QCS impacted work performed for USGS.
- C. From March 1994 to September 1996, there was no evidence that an internal audit of QCS had been performed. It should be noted that the audit performed in 1996 was by a QCS customer and did address all elements of the QCS program.

7 Initiator

Richard L. Maudlin

Date 1/13/97

9 Is condition an isolated occurrence?

Yes No Unknown; Must be Yes if PR

10 Recommended Action: (Not required for PR)

- A. Plan and perform a management review of the adequacy and effectiveness of the QCS QA Program. Perform reviews annually thereafter.
- B. Assure that all future purchase orders include a documented statement regarding the applicable QA requirements to be implemented in the performance of the work. Investigate why the QA requirements were not included in the purchase orders.
- C. Develop and document a schedule for the performance of internal audits, as applicable. Perform internal audits annually as required by the QCS QA Manual.

11 QA Review:

QAR Richard L. Maudlin

Date 1/13/97

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

R.W. Horton

for

Date 1/16/97

22 Corrective Action 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.

PR/DR NO. YM-97-D-024

PAGE 2 OF 2 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