



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

JUL 24 1996

L. Dale Foust
Technical Project Officer
For Yucca Mountain
Site Characterization Project
TRW Environmental Safety Systems, Inc.
Bank of America Center, Suite P-110
101 Convention Center Drive
Las Vegas, NV 89109

ISSUANCE OF DEFICIENCY REPORT (DR) YM-96-D-074 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION'S (YMQAD) SURVEILLANCE YMP-SR-96-019 OF SANDIA NATIONAL LABORATORIES (SCP: N/A)

Enclosed is DR YM-96-D-074 generated as a result of YMQAD Surveillance YMP-SR-96-019.

Please identify the corrective action to be taken and implemented to correct the deficiency. A DR Continuation Page has been provided. Send the original of your response to Deborah Sult, YMQAD/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 that date.

If you have any questions, please contact either Robert B. Constable at (702) 794-5580 or Patout H. Cotter at (702) 794-1332.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-2258

Enclosures:

1. DR YM-96-D-074
2. PR/DR Continuation Page

cc w/encls:

T. A. Wood, DOE/HQ (RW-14) FORS
J. G. Spraul, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
R. L. Strickler, M&O, Vienna, VA
R. B. Justice, M&O, Las Vegas, NV
R. P. Ruth, M&O, Las Vegas, NV
R. R. Richards, M&O/SNL, Albuquerque, NM, M/S 1333
Records Processing Center

cc w/o encls:

W. L. Belke, NRC, Las Vegas, NV
D. G. Horton, OQA, NV
P. H. Cotter, YMQAD/QATSS, Las Vegas, NV
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

NH03/1
Wm-11
102.7

9607300163 960724
PDR WASTE
WM-11 PDR

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

8 Performance Report
 Deficiency Report
NO. YM-96-D-074
PAGE 1 OF 3
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
Quality Assurance Requirements and Description document (QARD), Revision 5

2 Related Report No.
YMP-SR-96-019

3 Responsible Organization:
CRWMS M&O/SNL

4 Discussed With:
M. Brady

5 Requirement/Measurement Criteria:

1. QARD, Section 2.0, Paragraph, 2.2.1 "Quality Assurance Program Documents," states in part:

"B. Affected Organizations shall establish implementing documents applicable to their scope of work that translate Quality Assurance Requirements and Description (QARD) requirements into work processes."

QARD, Section 5.0, Paragraph 5.2, "Requirements," states, "Work shall be performed in accordance with controlled implementing documents."

6 Description of Condition:

1. Contrary to requirement #1 above, the generic procedures identified in Work Agreement (WA)-0065, Revision 4, effective 2/26/96, "Exploratory Studies Facility Design Verification Activities," lacked the specificity of an implementing document; i.e., technical procedure or scientific notebook, required for the scope of their blast monitoring program. It is recognized that SNL did develop a monitoring plan; however, this plan falls outside of the SNL Quality Program.

2. Contrary to requirement #2 above, Vibra-tech, of Louisville, Kentucky was not qualified by the SNL Quality Assurance organization or listed on the Office of Civilian Radioactive Waste Management Qualified Suppliers List prior to the performance of calibration services for seismograph, Serial Number 3861, used for collection of "Far Field" blast data by SNL.

7 Initiator
Patout H. Cotter *P.H. Cotter* Date 7/19/96

9 Is condition an isolated occurrence?
 Yes No Unknown; Must be Yes if PR

10 Recommended Actions: (Not required for PR)

Evaluate the deficiency, perform remedial action, investigate the extent of deficiency, and perform root cause analysis to determine how the condition came about.

11 QA Review
QAR *P.H. Cotter* Date 7/19/96

12 Response Due Date
20 working days from issuance

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

Printed Name Richard E. Spence Signature *R.E. Spence* Date 7/19/96

22 Corrective Actions Verified

QAR Date

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

AQAM Date

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

PR/DR NO. YM-96-D-074
PAGE 2 OF 3
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

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

8 Performance Report
 Deficiency Report

NO.
PAGE 3 OF 3

QA: L

PR/DR CONTINUATION PAGE

Block 5, Requirements: (continued)

2. QARD, Section 7.0, Paragraph 7.2.2A, states, "Supplier selection shall be based on an evaluation, performed before the contract is awarded, of the supplier's capability to provide items or services in accordance with procurement document requirements."

Administrative Procedure (AP) 7.4Q, Revision 1, Interim Change Number (ICN) 1, "Maintenance of the Office of Civilian Radioactive Waste Management Qualified Suppliers List," Paragraph 5.1.2, states, "The Affected Organization QA Department: ensures that the supplier is either recently qualified by their organization or listed on the QSL for the procurement document identified scope of work prior to procurement award . . ."

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

Performance Report
 Deficiency Report

NO. OF
PAGE OF
QA: L

PR/DR CONTINUATION PAGE