



Department of Energy

Washington, DC 20585

JAN 17 1997

L. D. 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

**EVALUATION OF RESPONSE TO DEFICIENCY REPORT (DR) YM-97-D-006
RESULTING FROM OFFICE OF QUALITY ASSURANCE (OQA) SURVEILLANCE
YMP-SR-96-028 OF THE CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM
MANAGEMENT AND OPERATING CONTRACTOR**

The OQA staff has evaluated the response to DR YM-97-D-006. The response has been determined to be satisfactory. Verification of completion of the corrective action will be performed after the effective date provided. Any extension to this date must be requested in writing, with appropriate justification, prior to that date. Please send a copy of extension requests to Deborah G. Sult, OQA/QATSS, P.O. Box 98608, Mail Stop 455, Las Vegas, Nevada 89193-8608.

If you have any questions, please contact either Mario R. Diaz at (702) 794-1489 or John R. Doyle at (702) 794-1465.

R.W. Clark
for Donald G. Horton, Director
Office of Quality Assurance

OQA:MRD-0684

Enclosure:
DR YM-97-D-006

cc w/encl:
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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-006

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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
QARD, FWP-ESF-96-003, R1

2 Related Report No.
YM-SR-96-028

3 Responsible Organization:
CRWMS M&O

4 Discussed With:
Doug Weaver, Andrew Burningham

5 Requirement/Measurement Criteria:

Quality Assurance Requirements and Description (QARD) Sub-Section 2.2.3 "Controlling Activities" A. States :

" The QA program shall apply to site characterization data and samples.

Note: Site characterization for the purpose of QA program applicability includes activities related to sample collection and the collection and analysis of data to support performance confirmation or performance assessments."

6 Description of Condition:

Contrary to the above requirements, Williams B7X rock bolts have been installed and grouted as Non-Q for the Single Heater Test. Installation data has been collected and recorded as Q data in accordance with Technical Procedure (TP) 245 " Calibration , Preparation, Installation, and Operation of Vibrating Wire Rock Bolt Load Cells "

7 Initiator

John R. Doyle *John R. Doyle* Date 10/18/96

9 Is condition an isolated occurrence?

Yes No Unknown; Must be Yes If PR

10 Recommended Actions: (Not required for PR)

Revise FWP to include rock bolt installation and grouting as a "Q" activity.

11 QA Review

QAR John R. Doyle *John R. Doyle* Date 10/18/96

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 *Richard E. Spence* Date *10/31/96*

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.

PR/DR NO. XM-97-D-006
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PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

SNL will investigate and document the impact of not having the torque data collected in accordance with a Q procedure.

15 Extent of Condition: (Not required for PR)

The TCO will identify any additional non-support rock bolt load cells (RBLC) have been installed in the ESF.

16 Root Cause Determination: (Not required for PR)

Required Yes No

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

Required Yes No

The TCO will revise FWP-ESF-96-002 to indicate rock bolt installation is a Q activity.

SNL will modify its Work Agreement governing this work to include acceptance criteria to ensure appropriate controls are applied to instrument installation tasks.

The SPO manager will ensure the above corrective actions are completed by the date indicated below.

18 Corrective Action Completion Due Date:

4/19/97

19 Response by:

Initial
 Amended

Larry Hayes

Date 1/3/97

Phone 5-5152

20 Response Accepted

QAR

John R. Doyle

Date

1/8/97

21 Response Accepted (N/A for PR):

AOQAM

R.W. Cliff

Date

1/16/97