



Department of Energy

Washington, DC 20585

QA: L

AUG 13 1997

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

EVALUATION OF RESPONSE TO DEFICIENCY REPORT (DR) YM-97-D-058  
RESULTING FROM OFFICE OF QUALITY ASSURANCE (OQA) AUDIT  
UNR-ARP-97-17 OF THE CIVILIAN RADIOACTIVE WASTE MANAGEMENT  
SYSTEM MANAGEMENT AND OPERATING CONTRACTOR

The OQA staff has evaluated the response to DR YM-97-D-058. 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 the date. Please send a copy of extension requests to Deborah Sult, OQA/QATSS, P.O. Box 30307, Mail Stop 455, North Las Vegas, Nevada 89036-0307.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Stephen D. Harris at (702) 734-0870.

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

OQA:JB-2115

Enclosure:  
DR YM-97-D-058

- cc w/encl:
- T. A. Wood, DOE/HQ (RW-55) FORS
- J. O. Thoma, NRC, Washington, DC
- S. W. Zimmerman, NWPO, Carson City, NV
- B. R. Justice, M&O, Las Vegas, NV
- R. A. Morgan, M&O, Las Vegas, NV
- M. C. Tynan, DOE/YMSCO, Las Vegas, NV

- cc w/o encl:
- W. L. Belke, NRC, Las Vegas, NV
- S. D. Harris, OQA/QATSS, Las Vegas, NV
- D. G. Sult, OQA/QATSS, Las Vegas, NV
- R. W. Clark, DOE/OQA, 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-058  
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**PERFORMANCE/DEFICIENCY REPORT**

**1 Controlling Document:**

Civilian Radioactive Waste Management System Management & Operating Contractor (CRWMS M&O)-Quality Administrative Procedure (QAP)-SIII-2, Revision 0, "Review of Scientific Documents and Data"

**2 Related Report No.**

UNR-ARP-97-17

**3 Responsible Organization:**

CRWMS M&O

**4 Discussed With:**

Norma E. Biggar/Jan C. Rasmussen

**5 Requirement/Measurement Criteria:**

Quality Assurance Requirements & Description (QARD) 2.2.10.F requires mandatory comments resulting from the review to be documented and resolved before approving the document.

QAP-SIII-2, Revision 0, Section 5.2.9, states, "The technical reviewers shall sign and date a statement verifying that the document meets review requirements and that all mandatory comments have been resolved or that no mandatory comments were developed.

**6 Description of Condition:**

Contrary to the above requirements, there was no evidence the technical reviewer(s) had signed a statement verifying that the document meets review requirements and that all mandatory comments have been resolved, or no mandatory comments were developed. The report, "Natural Resources Final Report," Revision 00, had been approved as completed by way of letter LV.PP.TAG.06/97-052, dated June 2, 1997.

**7 Initiator**

*S. D. Harris*  
S. D. Harris

Date 6-5-97

**9 Is condition an isolated occurrence?**

Yes     No     Unknown; Must be Yes if PR

**10 Recommended Action: (Not required for PR)**

Evaluate the implementation of the process followed for review of other deliverables to determine if technical documents are being submitted prior to completion of the review process, and resolve any process deficiencies to meet the requirements of the QARD and Implementing procedures.

**11 QA Review:**

QAR

*S. D. Harris*

Date 6-5-97

**12 Response Due Date**

20 working days from issuance

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

Printed Name

D. G. Horton

Signature

*R. W. Clark*

Date 6/27/97

**22 Corrective Action 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.

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PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

Response:

Documentation of the technical reviews of technical sections of the Natural Resources Final Report, including signatures, will be completed, indicating closure with regard to resolution of mandatory comments.

To address the concern from recommended actions that this is not an isolated occurrence, documentation of reviews of other Level 3 reports produced to date during FY97 by the M&O SPO will be evaluated to assess if implementation of the review process was appropriately conducted and documented.

15 Extent of Condition: (Not required for PR)

Evaluation shows that there are only approximately three other reports recently produced by the M&O which are subject to consideration for review relative to this condition. Initially, indications are that this condition is not generally existent in these documents.

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:

09/26/97

19 Response by: Norma Biggar

*Norma Biggar*

Date 07/28/97

Phone 295-3549

20 Response Accepted

QAR

*Stephen D. Harris*  
Date 7/30/97

21 Response Accepted (N/A for PR)

DOQA

*R.W. Clef*  
Date 8/13/97