



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

MAY 17 1996

Wesley E. Barnes, Project Manager, YMSCO, NV  
ATTN: James R. Compton, AMSL, YMSCO, NV

ISSUANCE OF DEFICIENCY REPORT (DR) YMQAD-96-D059 RESULTING  
FROM A YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD)  
REVIEW (SCP: N/A)

Enclosed is DR YMQAD-96-D059 generated as a result of a YMQAD review.

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, 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 Robert B. Constable at 794-5580 or Mary G. McDaniel at 794-1468.

Richard E. Spence, Director  
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1753

Enclosures:

1. DR YMQAD-96-D059
2. PR/DR Continuation Page

cc w/encls:

J. G. Spraul, NRC, Washington, DC  
S. W. Zimmerman, NWPO, Carson City, NV  
D. S. White, M&O, Vienna, VA  
P. A. Pytel, M&O, Las Vegas, NV  
E. R. Cooper, YMSCO, NV  
Records Processing Center

cc w/o encls:

W. L. Belke, NRC, Las Vegas, NV  
M. G. McDaniel, YMQAD/QATSS, Las Vegas, NV  
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

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

<sup>8</sup>  Performance Report  
 Deficiency Report  
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**PERFORMANCE/DEFICIENCY REPORT**

<b>1 Controlling Document:</b> QAP 5.1, Revision 7	<b>2 Related Report No.</b> N/A
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<b>3 Responsible Organization:</b> Yucca Mountain Site Characterization Office	<b>4 Discussed With:</b> J. Zimmerman
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**5 Requirement/Measurement Criteria:**  
 QAP 5.1, Section 5.6, required the preparer to:

"a) Perform the document interface review as follows:...

- 2) Complete Section 2 of the Document Development form, identifying any OCRWM controlled document reviewed to determine impact resulting from the procedure activity.
- 3) Initiate a DAR or other authorized change request against any affected OCRWM controlled document, and record the number of the request on the Document Development form.

b) If the procedure implements QARD requirements, prepare a requirements matrix, using the Requirements Matrix Input form, Attachment 8, for a new procedure, or for an existing procedure, using a report from the RTN with any changes identified..."

**6 Description of Condition:**

Contrary to the above, document interface reviews and Requirements Traceability Network (RTN) Matrix reviews/updates were not performed for the following procedures:

YAP-SIII.1Q, Revision 1  
 AP-17.1Q, Revision 0

<b>7 Initiator</b> Mary G. McDaniel <i>Mary G. McDaniel</i> Date <u>5/7/96</u>	<b>9 QA Review</b> QAR <i>Mary G. McDaniel</i> Date <u>5/7/96</u>
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<b>10 Response Due Date:</b> 20 Working Days From Issuance	<b>11 QA Issuance Approval</b> QAR (PR)/AOQAM (DR) <i>RC Spive</i> Date <u>5/15/96</u>
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**12 Remedial Actions:**

<b>13 Remedial Actions Response By</b> Date	<b>14 Remedial Action Due Date</b> Date
<b>15 Remedial Action Response Acceptance</b> QAR Date	<b>16 PR Verification /Closure</b> QAR Date

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**DEFICIENCY REPORT**

**17 Recommended Actions:**

Determine extent of condition identified in Block 6 for procedures and revisions developed since 3/1/96. Direct document interface reviews for those procedures/revisions identified and initiate Document Action Requests, procedure modifications, corrective actions, as appropriate. In addition, direct preparation of RTN Matrix updates, as appropriate, and submit for QA review in accordance with QAP 6.2. Update RTN as necessary.

**18 Investigative Actions:**

**19 Root Cause Determination:**

**20 Action to Preclude Recurrence:**

21 Response By  Date	22 Corrective Action Completion Due Date
23 Response Accepted QAR Date	24 Response Accepted AOQAM Date
25 Amended Response Accepted QAR Date	26 Amended Response Accepted AOQAM Date
27 Corrective Action Verified QAR Date	28 Closure Approved by: AOQAM Date

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**PR/DR CONTINUATION PAGE**