



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

**FEB 20 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 REPORTS (DRs) YMQAD-96-D038 AND  
YMQAD-96-D039 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE  
DIVISION'S (YMQAD) AUDIT YM-ARP-96-04 OF LAWRENCE BERKELEY  
NATIONAL LABORATORIES (SCP: N/A)

Enclosed are DRs YMQAD-96-D038 and YMQAD-96-D039 generated as a  
result of YMQAD Audit YM-ARP-96-04.

Please identify the corrective actions to be taken and  
implemented to correct the deficiencies. PR/DR Continuation  
Pages have been provided. Send the originals of your responses  
to Deborah Sult, YMQAD/QATSS, 101 Convention Center Drive, Suite  
640, Las Vegas, Nevada 89109. Responses to the DRs are due 20  
working days from the date of this letter. Extensions to due  
dates must be requested in writing, with appropriate  
justification, prior to the due dates.

If you have any questions, please contact either Robert B.  
Constable at (702) 794-7945 or Donald J. Harris at  
(702) 794-7356.

*Robert B. Constable* for.

YMQAD:RBC-1173 Richard E. Spence, Director  
Yucca Mountain Quality Assurance Division

Enclosures:

1. DRs YMQAD-96-D038 and  
YMQAD-96-D039
2. PR/DR Continuation Pages

YMP-5

9602270110 960220  
PDR WASTE PDR  
WM-11

*NH03/11  
WM-11  
102.7*

L. Dale Foust

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FEB 20 1996

cc w/encls:

J. G. Spraul, NRC, Washington, DC  
S. W. Zimmerman, NWPO, Carson City, NV  
T. A. Wood, HQ (RW-14) FORS  
R. L. Strickler, M&O, Vienna, VA  
R. P. Ruth, M&O, Las Vegas, NV

cc w/o encls:

W. L. Belke, NRC, Las Vegas, NV  
D. J. Harris, YMOAD/QATSS, Las Vegas, NV  
D. G. Sult, YMOAD/QATSS, Las Vegas, NV

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

Performance Report  
 Deficiency Report  
NO. YMQAD-96-D038  
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PERFORMANCE/DEFICIENCY REPORT

|   |                                      |
|---|--------------------------------------|
| 1 Controlling Document:<br>YMP-LBL-QIP-2.1, Rev. 0, Mod I | 2 Related Report No.<br>YM-ARP-96-04 |
|---|--------------------------------------|

|   |                                 |
|---|---------------------------------|
| 3 Responsible Organization:<br>Lawrence Berkeley National Laboratory (LBNL) | 4 Discussed With:<br>D. Mangold |
|---|---------------------------------|

5 Requirement/Measurement Criteria:  
YMP-LBL-QIP-2.1, Paragraph 3.1.3, "...sets forth the documentation needed to verify minimum education and experience set forth in the position description. This verification includes information as set forth in the above referenced paragraph."

6 Description of Condition:  
The personnel folders of several current employees had only an attestation of education and experience by the immediate supervisor. This statement of attestation does not meet the minimum documentation required by Paragraph 3.1.3.

|   |  |
|---|--|
| 7 Initiator<br>James Blaylock <i>James Blaylock</i> Date 2/9/96 | 8 QA Review<br>QAR <i>Ronald Harris</i> Date 2/12/96 |
|---|--|

|  |  |
|--|--|
| 10 Response Due Date:<br>20 Working Days From Issuance | 11 QA Issuance Approval<br>QAR (PR)/AOQAM (DR) <i>R. Blaylock</i> Date 2.14.96 |
|--|--|

12 Remedial Actions:

|  |                                     |
|--|-------------------------------------|
| 13 Remedial Actions Response By:<br>Date | 14 Remedial Action Due Date<br>Date |
|--|-------------------------------------|

|  |   |
|--|---|
| 15 Remedial Action Response Acceptance<br>QAR Date | 16 PR Verification /Closure<br>QAR Date |
|--|---|

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**DEFICIENCY REPORT**

**17 Recommended Actions:**

1. The verification of education and experience should be documented in accordance with the procedural requirements.
2. Paragraph 3.1.4 of the procedure is not consistent with Section 2.0, Paragraph 2.2.12E and needs to be revised.

**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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**PERFORMANCE/DEFICIENCY REPORT**

|  |   |
|--|---|
| <b>1 Controlling Document:</b><br>YMP-LBL-QIP-2.1, Rev. 0, Mod I | <b>2 Related Report No.</b><br>YM-ARP-96-04 |
|--|---|

|  |  |
|--|--|
| <b>3 Responsible Organization:</b><br>Lawrence Berkeley National Laboratory (LBNL) | <b>4 Discussed With:</b><br>D. Mangold |
|--|--|

**5 Requirement/Measurement Criteria:**  
YMP-LBL-QIP-2.1, Paragraph 3.3.3 requires the manager to identify and ensure personnel are trained to specific Quality Assurance procedures prior to initiation of quality affecting work.

**6 Description of Condition:**  
Two examples were identified in which the individuals performed quality affecting work without being trained to the applicable procedure, YMP-LBL-QIP-5.1, Revision 0.

|   |  |
|---|--|
| <b>7 Initiator:</b><br>James Blaylock <i>James Blaylock</i> Date 2/9/96 | <b>9 QA Review:</b><br>QAR <i>Ronald Harris</i> Date 2/12/96 |
|---|--|

|   |  |
|---|--|
| <b>10 Response Due Date:</b><br>20 Working Days From Issuance | <b>11 QA Issuance Approval:</b><br>QAR (PR)/AOQAM (DR) <i>[Signature]</i> Date 2.14.96 |
|---|--|

**12 Remedial Actions:**

|   |   |
|---|---|
| <b>13 Remedial Actions Response By:</b><br>Date | <b>14 Remedial Action Due Date:</b><br>Date |
|---|---|

|  |   |
|--|---|
| <b>15 Remedial Action Response Acceptance:</b><br>QAR Date | <b>16 PR Verification /Closure:</b><br>QAR Date |
|--|---|

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**DEFICIENCY REPORT**

**17 Recommended Actions:**

1. Managers need to be retrained/reinforced that they have the responsibility to assure appropriate training has been completed prior to assignment of quality affecting work.
  
2. Training files need to be reviewed to assure that the training is appropriate and complete for the LBNL staff.

**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

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