



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

APR 01 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

EVALUATION OF RESPONSES TO DEFICIENCY REPORTS (DR) 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 LABORATORY
(SCPB: N/A)

The YMQAD staff has evaluated the responses to DRs YMQAD-96-D038 and
YMQAD-96-D039. The responses have been determined to be satisfactory
for remedial actions. Please provide an update to the responses when
verifications/reviews have been completed. Verification of completion
of the corrective actions will be performed after the effective dates
provided. Any extension to the dates must be requested in writing, with
appropriate justification, prior to the dates. Please send a copy of
extension requests to Deborah Sult, YMQAD/QATSS, 101 Convention Center
Drive, Suite 640, Las Vegas, Nevada 89109.

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

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1446

Enclosure:
DRs YMQAD-96-D038 and
YMQAD-96-D039

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

cc w/o encl:
W. L. Belke, NRC, Las Vegas, NV
D. J. Harris, YMQAD/QATSS, Las Vegas, NV
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

YMP-5

080079

9604090073 960401
PDR WASTE
WM-11 PDR

NH03 1/1
102.7
WM-11

THIS IS A THIS IS A RED STAMP

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

Performance Report
 Deficiency Report
NO. YMQAD-96-D038
PAGE 1 OF 2
QA: L

PERFORMANCE/DEFICIENCY REPORT

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

3 Responsible Organization: Lawrence Berkeley National Laboratory (LBNL) 4 Discussed With: 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 James Blaylock Date 2/9/96 9 QA Review QAR Donald Harris Date 2/12/96

10 Response Due Date: 20 Working Days From Issuance 11 QA Issuance Approval [Signature] Date 2.14.96
QAR (PR)/AOQAM (DR)

12 Remedial Actions:
(1) Verification of education will be documented through contacting universities and having a written record of their response.
(2) The inconsistency in paragraph 3.1.4 will be removed by modification of the procedure.

13 Remedial Actions Response By: [Signature] Date 3/14/96 14 Remedial Action Due Date Date 6/30/96

15 Remedial Action Response Acceptance QAR Date 16 PR Verification /Closure QAR N/A Date

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

8

DR NO. YMQAD-96-D038

PAGE 2 OF 2

QA: L

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 *[Signature]*

Date 3-25-96

24 Response Accepted

AOQAM *[Signature]*

Date 3-28-96

25 Amended Response Accepted

QAR

Date

26 Amended Response Accepted

AOQAM

Date

27 Corrective Action Verified.

QAR

Date

28 Closure Approved by:

AOQAM

Date

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

Performance Report
 Deficiency Report
NO. YMOAD-96-D039
PAGE 1 OF 2
QA: L

PERFORMANCE/DEFICIENCY REPORT

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

3 Responsible Organization: Lawrence Berkeley National Laboratory (LBNL) 4 Discussed With: 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.

7 Initiator: James Blaylock *Blaylock* Date 2/9/96 9 QA Review: QAR *Donald Harris* Date 2/12/96

10 Response Due Date: 20 Working Days From Issuance 11 QA Issuance Approval: QAR (PR)/AOQAM (BR) *[Signature]* Date 2-14-96

12 Remedial Actions:
(1) Retraining of managers to their responsibility to assure that employees under their supervision are to be trained before assignment to quality affecting work.
(2) Training files will be reviewed for present YMP-LBNL staff to assure that their training is appropriate and complete.

13 Remedial Actions Response By: *[Signature]* Date 3/14/96 14 Remedial Action Due Date: Date 4/30/96

15 Remedial Action Response Acceptance: QAR Date _____ 16 PR Verification /Closure: QAR N/A Date _____

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

8
DR NO. YMOAD-96-D039
PAGE 2 OF 2
QA: L

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:		22 Corrective Action Completion Due Date	
	Date		
23 Response Accepted		24 Response Accepted	
QAR <i>el Harris</i>	Date 3/25/96	AOQAM <i>[Signature]</i>	Date 3-28-96
25 Amended Response Accepted		26 Amended Response Accepted	
QAR	Date	AOQAM	Date
27 Corrective Action Verified		28 Closure Approved by:	
QAR	Date	AOQAM	Date