



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

SEP 17 1996

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

**VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF DEFICIENCY REPORT
 (DR) YM-96-D-039 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE
 DIVISION'S (YMQAD) AUDIT YM-ARP-96-04 OF LAWRENCE BERKELEY NATIONAL
 LABORATORY**

The YMQAD staff has verified the corrective action to DR YM-96-D-039 and determined the results to be satisfactory. As a result, the DR is considered closed.

If you have any questions, please contact either Robert B. Constable at (702) 794-5580 or James Blaylock at (702) 794-1420.

Robert B. Constable

Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-2650

Enclosure:
 DR YM-96-D-039

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

cc w/o encl:
 W. L. Belke, NRC, Las Vegas, NV
 D. G. Sult, YMQAD/QATSS, Las Vegas, NV
 D. G. Horton, DOE/OQA, Las Vegas, NV
 James Blaylock, DOE/YMQAD, Las Vegas, NV

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 WM-11 PDR

280096

YMP-5

recip: NMSS/HLUR

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

Performance Report
 Deficiency Report
YM-96-D-039
NO. ~~YMOAD-96-DOSS~~
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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 Date 2/9/96
9 QA Review: QAR Ronald Harris Date 2/12/96

10 Response Due Date: 20 Working Days From Issuance
11 QA Issuance Approval: QAR (PR)/AOQAM (BR) 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

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

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4m-96-D-039 25
DR NO. ~~HQAD-96-0039~~ 9/13/96
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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:		22 Corrective Action Completion Due Date	
	Date		
23 Response Accepted		24 Response Accepted	
QAR <i>James B. [unclear]</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 <i>James B. [unclear]</i>	Date 9/12/96	AOQAM <i>[Signature]</i>	Date 9.17.96

FACSIMILE TRANSMITTAL

Berkeley Laboratory
Earth Sciences Division
1 Cyclotron Road
Mail Stop 90/1116
Berkeley, California 94720
Telefax: (510) 486-5686

DATE: July 12, 1996

Total number of pages: 12
(including this page)

TO: Don Harris
FAX: (702) 794-1348

FROM: Don Mangold
QA manager, YMP-LBNL
phone (510) 486-6459

Called 7/12/96 - 1350 - out of office
until 7/18/96!
DJA

96-D-039

Need evidence that
the Training evaluation
either determined that
the two staff members
were trained and no
others lack training
or other need training
also.



EARTH SCIENCES
DIVISION

YMP-LBNL QA MEMORANDUM

To: YMP-LBNL Principal Investigators and Managers
From: Pascual Benito, QA Trainer *PAB*
cc: Bo Bodvarsson, Project Manager
Don Mangold, QA Manager
Date: April 30, 1996
Subject: Manager's Responsibility for Employee QA Training

We would like to remind you that YMP-LBL-QIP-2.1, Paragraph 3.3.3 states that:

"The Applicable Manager is responsible for ensuring personnel are trained to the specific QA Procedures relevant to the individual's work, and for documenting the training on either Attachment 3, Classroom Training Statement, or Attachment 4, Reading Assignment Statement."

This requirement is to ensure that YMP personnel under a manager's or PI's supervision are trained to the specific Quality Assurance procedures applicable to their work, prior to the initiation of quality affecting Yucca Mountain Project work.

During the audit this last February, two examples were found in which individuals performed quality affecting work without being trained to the applicable procedures, and consequently we were issued a Deficiency Report (YMQAD -96-D039).

This matter was also addressed at the recent Earth Sciences Division Review of the Nuclear Waste Department on April 22, in comments made by Don Mangold, QA Manager.

We must stress again the important responsibility that Managers and Principal Investigators have in ensuring that the personnel under their supervision have been trained to the relevant and applicable QA procedures before they carry out any quality affecting work.

We have been carefully reviewing the training records of all YMP-LBNL staff to be assured that each one is up-to-date in their QA training. We ask you to help us by re-evaluating their training needs at this time. If you are unsure of which QA procedures your personnel should be trained to for particular types of work, do not hesitate to call either Pascual Benito (x4323), or Don Mangold (x6459) with your questions.



Ernest Orlando Lawrence Berkeley National Laboratory

Nuclear Waste Department

Earth Sciences Division
1 Cyclotron Road
Berkeley, California 94720
Phone: (510) 486-4789 or 6995
Fax: (510) 486-6115
Mailstop: 50E

YMP•LBNL•QA MEMORANDUM

To: YMP-LBNL Principal Investigators:

- Bo Bodvarsson
- Kenzi Karasaki
- Ernie Majer
- Ardyth Simmons
- Yvonne Tsang
- Joe Wang
- Yu-Shu Wu

From: Don Mangold, QA Manager

Date: July 11, 1996

Subject: Signed acknowledgment to close YMQAD-96-D-039

Please read and sign the statement below (use today's date) to testify of your having been instructed in the need to have individuals working under your supervision to be QA trained before starting any quality-affecting work. This statement is necessary to document your re-training on this point in order to satisfy the requirements for closing the above Deficiency Report (DR). Thank you for your assistance.

I acknowledge that I read the attached memo on April 30, 1996.

(signed)

Date

7/11/96



Ernest Orlando Lawrence Berkeley National Laboratory

Nuclear Waste Department

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(signed)

Don Mangold

Date

7/11/96



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Date: July 11, 1996

Subject: Signed acknowledgment to close YMQAD-96-D-03⁹

Please read and sign the statement below (use today's date) to testify of your having been instructed in the need to have individuals working under your supervision to be QA trained before starting any quality-affecting work. This statement is necessary to document your re-training on this point in order to satisfy the requirements for closing the above Deficiency Report (DR). Thank you for your assistance.

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(signed) Ardyth J. Simmons Date 7/12/96



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- Yvonne Tsang
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Yu-Shu Wu

From: Don Mangold, QA Manager

Date: July 11, 1996

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Don Mangold

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(signed)

Yu-Shu Wu

Date

7/11/96

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 Deficiency Report

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PR/DR CONTINUATION PAGE

VERIFICATION OF CORRECTIVE ACTION FOR DR YM-96-D-039

The Yucca Mountain Quality Assurance Division staff evaluated the documentation generated in response to the Deficiency Report identified above. Based on that evaluation, the retaining and review of training assignments was found to be acceptable. Accordingly, DR YM-96-D-039 is considered closed.

James Blaylock

James Blaylock, QAR

9/12/96

Date