



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

OCT 03 1996

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Technical Project Officer
for Yucca Mountain
Site Characterization Project
TRW Environmental Safety Systems, Inc.
Bank of America Center, Suite P-110
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Las Vegas, NV 89109

**VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF DEFICIENCY
REPORT (DR) YM-96-D-066 RESULTING FROM YUCCA MOUNTAIN QUALITY
ASSURANCE (YMQA) AUDIT YM-ARC-96-16 OF LOS ALAMOS NATIONAL
LABORATORY**

The YMQA staff has verified the corrective action to DR YM-96-D-066 and determined the results to be satisfactory. As a result, the DR is considered closed.

If you have any questions, please contact either Mario R. Diaz at (702) 794-1489 or James Blaylock at (702) 794-1420.

Richard E. Spence
Yucca Mountain Quality Assurance

YMQA:MRD-2773

Enclosure:
DR YM-96-D-066

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
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cc w/o encl:

W. L. Belke, NRC, Las Vegas, NV
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James Blaylock, DOE/YMQA, 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
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: QARD, DOE/RW-0333P, Revision 5		2 Related Report No. YM-ARC-96-16	
3 Responsible Organization: Los Alamos National Laboratory (LANL)		4 Discussed With: M. Clevenger	
5 Requirement/Measurement Criteria: QARD, Section 6.0, Paragraph 6.2.5C, states: "The disposition of obsolete or superseded documents shall be controlled to ensure that they are not used to perform work."			
6 Description of Condition: Contrary to the above, five of eleven controlled document manuals (both Quality Procedure and Detail Procedure Manuals) had superseded/deleted procedures in the manual.			
7 Initiator James Blaylock <i>James Blaylock</i> Date <u>7/2/96</u>		9 QA Review QAR <i>James Blaylock</i> Date <u>7/2/96</u>	
10 Response Due Date: 20 Working Days From Issuance		11 QA Issuance Approval <i>[Signature]</i> QAR (PR)/AUGAM (DR) Date <u>7/11/96</u>	
12 Remedial Actions: Los Alamos National Laboratory Yucca Mountain Project (LANL YMP) has done away with hard copy quality procedure manuals and have entered the procedures into the LANL web. The detailed procedure manuals that were deficient have been corrected.			
13 Remedial Actions Response By: <i>N/A</i> Date		14 Remedial Action Due Date <i>N/A</i> Date	
15 Remedial Action Response Acceptance QAR <i>N/A</i> Date		16 PR Verification /Closure QAR <i>N/A</i> Date	

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WASHINGTON, D.C.

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DEFICIENCY REPORT

17 Recommended Actions:

18 Investigative Actions:

The Los Alamos National Laboratory, Yucca Mountain Project agrees with the noted deficiency.

During our investigation of this deficiency, it was found that YMP personnel assigned these manual were failing to comply with the requirements of LANL-YMP-QP-06.2, Revision 7 and subsequently Revision 8 "Document Control". Several problems were identified which lead the investigators to conclude that the noted deficiency was a result of inattention to detail, improper training, and access problems to procedures on the web.

19 Root Cause Determination:

See block 18.

20 Action to Preclude Recurrence:

A survey will be completed by November 1, 1996 to review all detailed procedure manuals. A copy of the survey report will be submitted upon completion. On August 16, 1996, all QPs were made available on the web for use by all YMP personnel. All QP manual holders will be informed that their QP manuals are to be returned to the Document Control Coordinator or be destroyed. As we revised each Detailed Procedure we will add them to the web thus eliminating the need to maintain a procedures manual.

21 Response By:

Michael D. Clewinger Date 8/9/96

22 Corrective Action Completion Due Date

9.9.96

23 Response Accepted

QAR James Blaylock Date 9/12/96

24 Response Accepted

AOQAM [Signature] Date 9/17/96

25 Amended Response Accepted

QAR N/A Date

26 Amended Response Accepted

AOQAM N/A Date

27 Corrective Action Verified

QAR James Blaylock Date 9/25/96

28 Closure Approved by

AOQAM [Signature] Date 10/11/96

Exhibit AP-16.1Q.2

8/9/96 EES-13-08-96-1238

Rev. 07/03/95

Los Alamos
NATIONAL LABORATORY
memorandum

Earth and Environmental Sciences Division
EES-13-Nuclear Waste Management R&D
Mail Stop J521, Los Alamos, NM 87545
Phone (505) 667-8768 Fax (505) 667-1934

To/MS: M. Clevenger, EES-13, MS J521
From/MR: J. Friend, LATA, MS J521
Phone/FAX: 7-3221/7-1934
Symbol: EES-13-09-96-1260
Date: September 8, 1996

Los Alamos YMP Survey Report for LA-SR-EES-96-11

Attached is the completed report from the subject survey. Attachment 1 identified all objective evidence examined. Should you have any questions, please contact me at (505) 667-3221.

JF/for

Attachments: a/s

CY:

J.A. Canepa, EES-13, MS J521
R.P. Ruth, M&O/Duke, MS 25
R.E. Spence, DOE/LV, MS 523
J.E. Young, LATA, MS J521
Survey File LA-SR-EES-96-11
EES-13 File, MS J521

Diff
PLS FILE WITH
DR YM-96-D-066
THANKS HANK

LOS ALAMOS NATIONAL LABORATORY
YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT
SURVEY REPORT LA-SR-EES-96-11
(EES & CST, LOS ALAMOS, NM)
SEPTEMBER 3-6, 1996

Prepared By: S.C. Fries
Survey Team Leader

Date: 9/9/96

Approved By: Michael D. Clemenger (GAPL)
Verification Coordinator

Date: 2 Sept. 96

EXECUTIVE SUMMARY

1.0 SURVEY SCOPE

This survey was conducted in response to deficiency report (DR) YM-96-D-066 which was identified during Office of Civilian Radioactive Waste Management (OCRWM) audit YM-ARC-96-16. The scope of the survey was a review of detailed procedure (DPs) manuals assigned to LANL YMP personnel.

2.0 SURVEY RESULTS

Results of this survey indicate that all DPs assigned to LANL YMP personnel were not up-to-date. Several discrepancies were found during the survey but were corrected to bring the DPs up to acceptable status. Complete details of this survey are given in section 8.0 of this report.

3.0 CONCLUSIONS

Based on the results of this survey it can be concluded that the discrepancies identified in DR YM-96-D-066 were correct and that all personnel were not adequately maintaining the DPs assigned to them. Discrepancies identified during this survey were corrected and DP sets currently appear to be acceptable. No further actions appear to be necessary by LANL YMP with regard to the subject DR except for LANL YMP personnel to pay more attention-to-detail now that they have been made aware of proper document control. Discrepancies of this type should not occur once all DPs are put on the web.

The survey team greatly appreciates the cooperation of the EES and CST personnel during the survey.

1.0 INTRODUCTION

This survey was conducted September 3-6, 1996 at several EES and CST locations at Los Alamos National Laboratory Los Alamos, NM. The survey focused on a review of controlled copies of DP's that have been assigned to LANL YMP personnel.

2.0 INDIVIDUALS CONTACTED

Julie Canapa, Steve Chipera, Mike Clevenger, Chuck Cotter, Dale Counce, June Fabryka-Martin, Sandy Martinez, Steve Kung, Schon Levy, Paul Reimus, Peggy Snow, Dave Vaniman, Sidney Weaver, Laura Wolfsberg, and Jim Young

3.0 SURVEY TEAM MEMBERS

John C. Friend, Survey Team Leader
Andrew Gallegos, Survey Team Member

4.0 SURVEY SCOPE

The survey was conducted in response to DR YM-96-D-066 which was identified during OCRWM audit YM-ARC-96-16. The scope of the survey was a review of DP's assigned to LANL YMP personnel.

5.0 OBJECTIVE EVIDENCE EXAMINED

See Attachment 1 for the objective evidence examined.

6.0 RECOMMENDATIONS

It is recommended that periodic reviews of controlled DP sets be performed until all are placed on the web.

7.0 DEFICIENCIES

7.1 Performance Reports Initiated

None

7.2 Deficiency Reports Initiated

None

7.3 Corrective Action Request Initiated

None

7.4 Deficiencies Corrected During The Survey

Eight

8.0 SUMMARY OF SURVEY RESULTS

The survey team reviewed 14 controlled sets of DPs assigned to LANL YMP personnel at various locations at Los Alamos National Laboratory. Eight discrepancies were identified during the survey which were subsequently corrected. The discrepancies were as follows:

- obsolete DPs found in the manuals (four manuals),
- the Detailed Procedure Requests (list of controlled DPs) was not correct,
- multiple copies of two controlled DPs were found,
- two DPs missing.

LANL YMP plans to put the DPs on the web in the future which should eliminate problems of the type listed above. Periodic checks should be made of controlled DP sets until they are placed on the web. Additionally, LANL YMP personnel assigned controlled documents need to pay more attention-to-detail and maintain their applicable documents current now that they have been made aware of proper document control.

OBJECTIVE EVIDENCE EXAMINED

- Master List of Controlled Documents-Detailed Procedures (August 29, 1996)
- Detailed Procedure Request (July 16, 1996)
- DP controlled sets: 038; 017; 007; 080; 002; 062; 085; 055; 069; 084; 067; 027; 035; & 057

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PR/DR CONTINUATION PAGE

VERIFICATION OF CORRECTIVE ACTION FOR DR YM-96-D-066

YMQA reviewed the surveillance performed by Los Alamos National Laboratory in YMP Survey Report LA-SR-EES-96-11 as part of the corrective action for YM-96-D-066. Based on the survey results and the corrective actions taken, the actions needed to close this deficiency document are satisfactory. Consequently, the verification was considered satisfactory and DR YM-96-D-066 is considered closed.

James Blaylock

James Blaylock, QAR

9/30/96

Date