



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

**EVALUATION OF RESPONSE TO DEFICIENCY REPORT (DR) YM-96-D-066
 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION'S
 (YMQAD) AUDIT YM-ARC-96-16 OF LOS ALAMOS NATIONAL LABORATORY**

The YMQAD staff has evaluated the response to DR YM-96-D-066. The response has been determined to be satisfactory, subject to verification upon completion of your survey due to be completed by November 1, 1996. Please notify YMQAD if your survey is completed prior to that date. Any extension must be requested in writing, with appropriate justification, prior to the date. Please send a copy of extension requests to Deborah Sult, YMQAD/QATSS, P.O. Box 98608, Mail Stop 455, Las Vegas, Nevada 89193-8608.

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-2651

Enclosure:
 DR YM-96-D-066

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 PDR WASTE
 WM-11 PDR

NH334,
 WM-11
 102.7

cc w/encl:

T. A. Wood, DOE/HQ (RW-14) FORS
J. G. Spraul, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
J. B. Tillman, LAAO, Los Alamos, NM
J. A. Canepa, M&O/LANL, Los Alamos, NM
M. J. Clevenger, M&O/LANL, Los Alamos, NM
N. Z. Elkins, M&O/LANL, Las Vegas, NV
R. L. Strickler, M&O, Vienna, VA
B. R. Justice, M&O, Las Vegas, NV
R. P. Ruth, M&O, 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
James Blaylock, DOE/YMQAD, Las Vegas, NV
D. G. Horton, DOE/OQA, Las Vegas, NV

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

Performance Report
 Deficiency Report
NO. YM-96-D-060
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5/25/96

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, Date 7/2/96
9 QA Review: QAR James Blaylock, Date 7/2/96

10 Response Due Date: 20 Working Days From Issuance
11 QA Issuance Approval: QAR (PR)/AOCAM (DR), Date 7/11/96

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: N/A, Date
14 Remedial Action Due Date: N/A, Date

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

OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
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: <i>Michael D. Cleverger</i> Date <i>8/9/96</i> | 22 Corrective Action Completion Due Date <i>9.9.96</i> |
| 23 Response Accepted QAR <i>James B. Blaylock</i> Date <i>9/12/96</i> | 24 Response Accepted AOQAM <i>R. B. ...</i> Date <i>9.17.96</i> |
| 25 Amended Response Accepted QAR Date | 26 Amended Response Accepted AOQAM Date |
| 27 Corrective Action Verified QAR Date | 28 Closure Approved by: AOQAM Date |

8/9/96 895-13-08-96-1238

Los Alamos

NATIONAL LABORATORY

memorandum

Earth and Environmental Sciences Division
EES-13-Nuclear Waste Management E&D
Mail Stop J521, Los Alamos, NM 87545
Phone (505) 667-9765 Fax (505) 667-1934

To/MS: M. Clevenger, EES-13, MS J521
From/MS: J. Friend, LATA, MS J521
Phone/FAX: 7-3221/7-1934
Symbol: EES-13-09-96-12b0
Date: September 9, 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/e

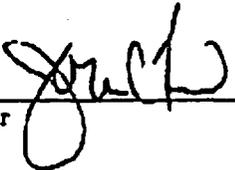
CY:

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

Driffill
PLS FILE WITH
DR YMP-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. Frews
Survey Team Leader



Date: 9/9/96

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

Date: 9 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 DPs that have been assigned to LANL YMP personnel.

2.0 INDIVIDUALS CONTACTED

Julie Canepa, Steve Chipera, Mike Clevenger, Chuck Cotter, Dale Counce, June Fabryka-Martin, Sandy Malinez, 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 DPs 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