

YUCCA MOUNTAIN PROJECT OFFICE
QUALITY ASSURANCE SURVEILLANCE REPORT
OF LOS ALAMOS NATIONAL LABORATORY
SURVEILLANCE NUMBER YMP-SR-89-009
CONDUCTED FEBRUARY 28, 1989

LOS ALAMOS ACTIVITIES SURVEILLED:

THIS SURVEILLANCE WAS CONDUCTED TO:

VERIFY NRC MINI-AUDIT COMPLETED OPEN ITEMS AND TO STATUS THE RESOLUTION
OF INCOMPLETE ITEMS.

PREPARED BY: *G. Heaney, J. Doyle, W. Mansel* DATE: 3-21-89
W. MANSEL, J. DOYLE, G. HEANEY

APPROVED BY: *[Signature]* DATE: 3/21/89
SURVEILLANCE DIVISION MANAGER

APPROVED BY: *Wendell B. Mansel* DATE: 03/21/89
PROJECT QUALITY MANAGER

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PDR WASTE
WM-11 PDC

ENCLOSURE

1.0 INTRODUCTION

This Yucca Mountain Project Office (Project Office) surveillance was performed to verify the results of Los Alamos implementation of corrective actions necessary to close out the deficiencies identified during the U.S. Nuclear Regulatory Commission (NRC) Mini-Audit of June 8, 1987. The surveillance was performed at the Los Alamos offices in Los Alamos, New Mexico, on February 28, 1989, in accordance with Quality Management Procedure (QMP)-18-02, "Surveillances," Rev. 1.

2.0 SURVEILLANCE PERSONNEL

This surveillance was performed by:

Gerard Heaney - QA Engineer, T&MSS, Las Vegas, NV
 John Doyle - QA Engineer, T&MSS, Las Vegas, NV
 Wendell Mansel - QA Engineer, Project Office, Las Vegas, NV

3.0 SUMMARY OF SURVEILLANCE RESULTS

This report provides the status of the implementation and verification of each Los Alamos Corrective Action Report (CAR) by "identifying those items verified as closed during this surveillance" and listing the remaining "open items." Each item is part of the corrective action Los Alamos identified to resolve each NRC deficiency or finding. The surveillance team was unable to verify closure of any Los Alamos CARs during the surveillance. Enclosure A to the report contains documentation that supports the partial verification of several of the remaining open CARs. Twelve of the original seventeen CARs generated as a result of the NRC-cited deficiencies remain open. The remaining open CARs have incomplete corrective action items to be implemented and verified prior to closure. Refer to Section 4.0, "Status of Corrective Actions," for specifics.

Both the NRC deficiencies and the Los Alamos corrective actions to resolve the deficiencies are stated in the Los Alamos CARs. This information is not repeated here due to length, but is provided in Project Office Surveillance Reports YMP-SR-88-014 and YMP-SR-88-018. Project Office Surveillance Report YMP-SR-89-005 contains copies of revisions of the original CARs.

4.0 STATUS OF CORRECTIVE ACTIONS

Enclosure A to this report contains documentation to support partial closure of corrective action items of the remaining open CARs.

4.0 STATUS OF CORRECTIVE ACTIONS (cont'd)

4.1 Summary of Corrective Actions Concerning NRC Mini-Audit

CAR No. 024, Rev. 2 - NRC Audit Report Finding, Page B-1

Items Verified as Closed During this Surveillance

QP-01.2, Rev. 0, "Procedure for Stop Work Control," has been approved and issued effective February 20, 1989. (See Enclosure A1)

Open Items

Training to this procedure is still in progress.

CAR No. 026, Rev. 2 - NRC Audit Report Finding, Page B-4

Items Verified as Closed During this Surveillance

QP-02.2, Rev. 1, "Procedure for Personnel Training," has been approved and issued effective February 20, 1989. A copy of this procedure is contained in Enclosure A2 to this report.

Open Items

- a. The read-and-understand training of appropriate personnel to QP-02.1 is in progress and is not yet 100 percent complete. It is scheduled to be completed by March 31, 1989. Formal training to QP-02.2 is also scheduled to be completed by March 31, 1989.
- b. The preparation of an index matching Project employees and the procedures that affect them is still in progress.

CAR No. 027, Rev. 3 - NRC Audit Deficiency, Page B-5

Items Verified as Closed During this Surveillance

No corrective action items were ready to be verified during this surveillance.

Open Items

Los Alamos is to complete formal training to QP-04.1, Rev. 1, issued December 11, 1988. Scheduled completion March 31, 1989. Read-and-understand training of appropriate personnel to QP-04.3, Rev. 1, (issued December 30, 1988) is in progress and is expected to be completed by March 31, 1989.

4.0 STATUS OF CORRECTIVE ACTIONS (cont'd)

CAR No. 028, Rev. 2 - NRC Audit Report Deficiency, B-6

Items Verified as Closed During this Surveillance

A list of procedures that need revision to include accept/reject criteria has been completed (see Enclosure A3).

Open Items

- a. QP-03.5, Rev. 0, is expected to be issued by March 3, 1989. Formal classroom training is expected to be completed by March 31, 1989.
- b. Training on QP-05.2 is in progress and is not yet complete. Scheduled completion date is March 31, 1989.

CAR No. 029, Rev. 2 - NRC Audit Report Deficiency, Page B-7

Items Verified as Closed During this Surveillance

No corrective action items of this CAR were ready to be verified as closed during this surveillance.

Open Items

QP-03.5 is scheduled to be issued by March 3, 1989. Formal classroom training is to be assigned and completed by March 31, 1989.

CAR No. 030, Rev. 2 - NRC Audit Report Deficiency, Page B-8

Items Verified as Closed During this Surveillance

No corrective action items of this CAR were ready to be verified as closed during this surveillance.

Open Items

Complete technical reviews on all DPs and training to procedure QP-05.2. Scheduled completion date is March 31, 1989.

CAR No. 031, Rev. 2 - NRC Audit Report Deficiency, Page B-9

Items Verified as Closed During this Surveillance

No corrective action items of this CAR were ready to be verified as closed during this surveillance.

4.0 STATUS OF CORRECTIVE ACTIONS (cont'd)

Open Items

QP-04.1, "Procedure for Procurement," has been revised to Rev. 2 to reflect changes to the QAPP. Training to this procedure, along with QP-04.2 and QP-04.3, is scheduled to be completed by March 31, 1989.

CAR No. 032, Rev. 2 - NRC Audit Report Deficiency, Page B-10

Items Verified as Closed During this Surveillance

No corrective action items were ready to be verified as closed during this surveillance.

Open Items

Complete training on purchasing procedures (QP-04.1, QP-04.2, and QP-04.3). Scheduled completion date is March 31, 1989.

CAR No. 033, Rev. 2 - NRC Audit Report Deficiency, Page B-11

Items Verified as Closed During this Surveillance

No corrective action items were ready to be verified as closed during this surveillance.

Open Items

Complete training on purchasing procedure QP-04.3. Scheduled completion date is March 31, 1989.

CAR No. 034, Rev. 3 - NRC Audit Report Deficiency, Page B-12

Items Verified as Closed During this Surveillance

No corrective action items were ready to be verified as closed during this surveillance.

Open Items

Complete training to QP-04.1, Rev. 2. Scheduled completion date is March 31, 1989.

CAR No. 035, Rev. 1 - NRC Audit Report Deficiency, Page B-13

Items Verified as Closed During this Surveillance

No corrective action items were ready to be verified as closed during this surveillance.

4.0 STATUS OF CORRECTIVE ACTIONS (cont'd)

Open Items

Complete training on QP-04.2, Rev. 2. Expected completion date is March 31, 1989.

CAR No. 040, Rev. 2 - NRC Audit Report Deficiency, Page B-18

Items Verified as Closed During this Surveillance

No corrective action items were ready to be verified as closed during this surveillance.

Open Items

The CAR is to be revised by Los Alamos to reflect new corrective action and deletion of the QP-08.1 requirement. Expected completion date is March 31, 1989.

5.0 PERSONNEL CONTACTED

J. George - Los Alamos Technical Associates QA Manager
M. Wheeler - Los Alamos Technical Associates
K. Foster - Los Alamos Technical Associates
A. Pendergrass - Los Alamos Technical Associates

6.0 SYNOPSIS OF STANDARD DEFICIENCY REPORTS/OBSERVATIONS

There were no SDRs or observations generated as a result of this surveillance.

7.0 REQUIRED ACTIONS

Los Alamos is to complete the committed corrective actions to the twelve remaining CARs by March 31, 1989. A final surveillance is to be performed to close out all verification.