

YUCCA MOUNTAIN PROJECT OFFICE
QUALITY ASSURANCE SURVEILLANCE REPORT
OF LOS ALAMOS NATIONAL LABORATORY

SURVEILLANCE NUMBER YMP-SR-89-080

CONDUCTED APRIL 17, 1989

LOS ALAMOS ACTIVITIES SURVEILLED:

THE VERIFICATION AND CLOSEOUT OF CORRECTIVE ACTION REPORTS RESULTING FROM DEFICIENCIES IDENTIFIED DURING THE NRC MINI-AUDIT OF LOS ALAMOS.

PREPARED BY: *G. Heaney / W. Mansel* DATE: 6-2-89
G. HEANEY / W. MANSEL

APPROVED BY: *[Signature]* DATE: 6-2-89
DIVISION MANAGER

APPROVED BY: *[Signature]* DATE: 6/2/89
PROJECT QUALITY MANAGER

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WM-11 PDC

ENCLOSURE

1.0 INTRODUCTION

This Yucca Mountain Project Office (Project Office) surveillance was performed to verify Los Alamos National Laboratory (Los Alamos) implementation of corrective actions necessary to close the deficiencies identified during the June 8, 1987, U. S. Nuclear Regulatory Commission (NRC) Mini-Audit. The surveillance was performed at the Los Alamos offices in Los Alamos, New Mexico, on April 17, 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
Wendell B. Mansel, QA Engineer, Project Office, Las Vegas, NV

3.0 SUMMARY OF SURVEILLANCE RESULTS

Los Alamos has completed implementation of corrective actions necessary to close the seventeen deficiencies identified during the June 8, 1987, NRC Mini-Audit. The deficiencies were identified on Los Alamos Corrective Action Reports (CARs). All seventeen CARs are now closed.

Section 4.0 of this report, "Status of Corrective Actions," contains the specific corrective actions for the twelve CARs that were verified as closed during this surveillance. These specific corrective actions were listed in previously issued Project Office Surveillance Report No. YMP-SR-89-009. A copy of each CAR verified as closed during the performance of this surveillance is contained in Enclosure A to this report.

4.0 STATUS OF CORRECTIVE ACTIONS

Summary of corrective actions concerning the NRC Mini-Audit:

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

Items Verified as Closed During this Surveillance

Formal classroom training to QP-01.2, Rev. 0, "Procedure for Stop Work Control," was not required by the Los Alamos DIF Determination Matrix. This document provides the level of training required for Los Alamos personnel. The stop work procedure was presented as part of the Los Alamos "Overall Program Requirements Indoctrination" for the Los Alamos Quality Assurance Program Plan (QAPP), Rev. 4.3. "YMP Indoctrination/ Training Forms" documenting this training were reviewed.

The CAR is closed.

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

Items Verified as Closed During this Surveillance

- a. Read and understand training to procedure QP-02.1, "Procedure for Personnel Selection, Indoctrination, and Qualification," Rev. 1, has been completed. The documentation for this training was reviewed and is contained within Los Alamos record package no. TWS-N5-04-89-052.
- b. Formal classroom training to procedure QP-02.2, "Procedure for Personnel Training," Rev. 2, has been completed. "YMP Indoctrination/Training Forms" documenting this training were reviewed.
- c. Los Alamos has completed a training matrix matching project employees and the procedures that affect them.

The CAR is closed.

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

Items Verified as Closed During this Surveillance

- a. Formal classroom training to procedure QP-04.1, "Procedure for Procurement," Rev. 1, has been completed. "YMP Indoctrination/Training Forms" documenting this training were reviewed.
- b. Read and understand training to procedure QP-04.3, "Qualification of Suppliers of Engineered Items and Services," Rev. 1, has been completed. The documentation for this training was reviewed and is contained within Los Alamos record package no. TWS-N5-04-89-056.

The CAR is closed.

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

Items Verified as Closed During this Surveillance

Read and understand training to procedure QP-05.2, "Preparation of a Detailed Technical Procedure," Rev. 1, has been completed. Documentation of this training is attached to the CAR.

Note: Project Office Surveillance Report YMP-SR-89-009 erroneously identified that training to procedure QP-03.5, "Procedure for Documenting Scientific Investigations," Rev. 0, was an open item for this CAR. This training was not associated with this CAR.

The CAR is closed.

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

Items Verified as Closed During this Surveillance

Procedure QP-03.5, "Procedure for Documenting Scientific Investigations," Rev. 0, has been issued effective March 10, 1989, and contains the requirements listed in the CAR. Training to this procedure has been completed. The documentation for this training is attached to the CAR.

The CAR is closed.

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

Items Verified as Closed During this Surveillance

- a. Read and understand training to procedure QP-05.2, "Preparation of a Detailed Technical Procedure," Rev. 1, has been completed. The documentation for this training is attached to the CAR.
- b. Los Alamos has developed a schedule that lists the detailed technical procedures (DPs) that are being reviewed and revised to meet QP-05.2 requirements or are designated to be withdrawn from the QA Manual.

The CAR is closed.

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

Items Verified as Closed During this Surveillance

- a. Formal classroom training to procurement procedure QP-04.1, "Procedure for Procurement," Rev. 2, has been completed. "YMP Indoctrination/ Training Forms" documenting this training were reviewed.
- b. Read and understand training to procedure QP-04.2, "Procedure for Accepting the Performance of Procured Services," Rev. 1, and QP-04.3, "Qualification of Suppliers of Engineered Items and Services," Rev. 1, has been completed. Documentation for this training was reviewed and is contained within Los Alamos record package no. TWS-QAS-QP-04-89-056.

The CAR is closed.

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

Items Verified During this Surveillance

Same as CAR No. 031, Rev. 2.

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

Items Verified During this Surveillance

Same as CAR No. 031, Rev. 2.

CAR No. 034, Rev. 2 - NRC Audit Report Deficiency, Page B-12

Items Verified During this Surveillance

Same as CAR No. 031, Rev. 2.

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

Items Verified During this Surveillance

Same as CAR No. 031, Rev. 2.

CAR No. 040, Rev. 3 - NRC Audit Report Deficiency, Page B-18

Items Verified During this Surveillance

The CAR was revised to Rev. 3 and issued March 7, 1989, reflecting new corrective action.

The Los Alamos QAPP, Rev. 4.3, no longer requires that periodic inspections of sample storage areas be performed. Implementing procedures for the control and storage of samples will be written to be in compliance with the QAPP.

Los Alamos personnel have been trained to procedure TWS-QAS-QP-05.2, "Preparation of Detailed Technical Procedures," Rev. 1, which contains a checklist for the preparation of detailed implementing procedures (refer to CAR 030, Rev. 2, for documentation of training to procedure TWS-QAS-QP-05.2, Rev. 1). The checklist identifies the need to address handling, shipping, and storage requirements in the detailed implementing procedure.

5.0 PERSONNEL CONTACTED

M. Wheeler - Los Alamos Technical Associates
A. Pendergrass - Los Alamos Technical Associates
H. Nunes - Los Alamos National Laboratory

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

No further actions are required by Los Alamos as a result of this surveillance.