



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

WBS 1.2.11
 QA: N/A

NOV 02 1993

Julie A. Canepa
 Technical Project Officer
 for Yucca Mountain
 Site Characterization Project
 Los Alamos National Laboratory
 University of California
 EES-13, Mail Stop J521
 P.O. Box 1663
 Los Alamos, NM 87545

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION REQUEST
 (CAR) YM-93-051 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
 (YMQAD) AUDIT YMP-93-11 OF LOS ALAMOS NATIONAL LABORATORY (SCP: N/A)

The YMQAD staff has verified the corrective action to CAR YM-93-051 and determined the results to be satisfactory. As a result, the CAR is considered closed.

If you have any questions, please contact either Robert B. Constable at (702) 794-7945 or Sandra D. Bates at (702) 794-7166.

Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-511

Enclosure:
 CAR YM-93-051

cc w/encl:
 K. R. Hooks, NRC, Washington, DC
 S. W. Zimmerman, NWPO, Carson City, NV
 N. Z. Elkins, LANL, Las Vegas, NV
 S. L. Bolivar, LANL, Los Alamos, NM
 J. B. Tillman, LAAO
 J. H. Hines, OGD, AL
 J. C. de la Garza, YMP, NV

cc w/o encl:
 J. W. Gilray, NRC, Las Vegas, NV
 N. J. Brogan, YMQAD/QATSS, Las Vegas, NV

Add: K. R. Hooks #1

*NH03/11
 102.7
 WM-11*

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

8 CAR NO.: YM-93-051
DATE: May 28, 1993
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document LANL-YMP-QP-17.4, R0		2 Related Report No. YMP-93-11	
3 Responsible Organization LANL		4 Discussed With Stephen L. Bolivar	
5 Requirement: LANL-YMP-QP-17.4, R0, Section 9.0, states in part: "All Los Alamos YMP employees are required to be trained to this procedure."			
6 Adverse Condition: Contrary to this requirement, Los Alamos management has elected to train only selected individuals to this procedure. Training records indicate that the following individuals have not been given the required training to implement QP-17.4, R0: <ul style="list-style-type: none"> 1. N. Elkins 2. G. Casedy 3. R. Lopez 			
9 Does a significant condition adverse to quality exist? Yes ___ No <u>X</u> If Yes, Circle One: A B C		10 Does a stop work condition exist? Yes ___ No <u>X</u> ; If Yes - Attach copy of SWO If Yes, Circle One: A B C D	
11 Response Due Date: June 30, 1993			
12 Required Actions: <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Extent of Deficiency <input type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
13 Recommended Actions: <ul style="list-style-type: none"> 1. Perform investigative action to include all Los Alamos procedures in order to determine all employees for whom procedurally required action has not been performed. 2. Perform remedial training for all identified individuals. 			
7 Initiator S.D. Bates <i>S.D. Bates</i> Date <i>6/9/92</i>		14 Issuance Approved by: QADD <i>[Signature]</i> Date <i>6/8/93</i>	
15 Response Accepted QAR <i>S.D. Bates</i> Date <i>7/2/93</i>		16 Response Accepted QADD <i>[Signature]</i> Date <i>07 07 93</i>	
17 Amended Response Accepted QAR <i>S.D. Bates</i> Date <i>10/29/93</i>		18 Amended Response Accepted QADD _____ Date _____	
19 Corrective Actions Verified QAR <i>S.D. Bates</i> Date <i>10/29/93</i>		20 Closure Approved by: QADD <i>[Signature]</i> Date <i>11/2/93</i>	

OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
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CORRECTIVE ACTION REQUEST (Continuation Page)

A. Remedial Actions:

None required. Training for the individuals listed on this CAR was provided or lack of training was identified by the Los Alamos YMP staff before YMQAD audit YMP-93-11 as follows:

- N. Elkins: Training to LANL-YMP-QP-17.4, R0, was provided and documented on Los Alamos Reading Acknowledgment Form on March 6, 1992.
- G. Casedy: Lack of training to LANL-YMP-QP-17.4, R0, was identified on and will be corrected via Los Alamos YMP Deficiency Report LANL-0216 on March 19, 1993.
- R. Lopez: Training to LANL-YMP-QP-17.4, R0, was provided and documented on Los Alamos Reading Acknowledgment Form on October 10, 1992.

B. Investigative Actions:

1. All Los Alamos Quality Administrative Procedures (QP) will be examined to determine if they contain the same statement as LANL-YMP-QP-17.4, R0, i.e., "All Los Alamos YMP employees are required to be trained to this procedure."
2. For the QPs that contain the statement referenced in investigative action number 1, the training records for Los Alamos YMP employees who require training will be examined to ensure that training has been implemented. The employees who lack training will be trained.

NOTE: These investigative actions were agreed on by Tom Higgins and Sandra Bates, YMQAD, and Stephen Bolivar and John Day, Los Alamos, during a meeting in Las Vegas, NV, on June 29, 1993.

Responsible Individual:
Project Quality Liaison

Anticipated Completion Date:
July 30, 1993

C. Root Cause Determination:

LANL-YMP-QP-17.4 stated the training requirements incorrectly. Training is mandatory for only the Los Alamos YMP staff who implement the procedure.

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WASHINGTON, D.C.

CAR NO. YMP-93-051

DATE: 06/29/93

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QA

CORRECTIVE ACTION REQUEST (Continuation Page)

D. Corrective Action to Preclude Recurrence:

LANL-YMP-QP-17.4 will be revised to state that only individuals who implement it will require training.

Responsible Individual:

RPC Operations Coordinator

Anticipated Completion Date:

October 29, 1993

Response Approved: _____

John L. Day for
S. L. Bolivar, LANL QAPL

Date: 06/29/93

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

8 CAR NO.: YM-93-051
DATE: May 28, 1993
SHEET: 3 OF 3
QA

CORRECTIVE ACTION REQUEST (Continuation Page)

VERIFICATION OF CORRECTIVE ACTION REQUEST (CAR) YM-93-051, 10/29/93

Verification of corrective action was completed on 10/29/93 by Sandra D. Bates. Los Alamos completed corrective action on 10/29/93. The following objective evidence was reviewed to verify corrective action.

- A. **REMEDIAL ACTION** - Training was documented on Los Alamos Reading Acknowledgment Forms and via Los Alamos YMP Deficiency Report LANL-0216 for individuals cited for lack of training.
- B. **EXTENT OF DEFICIENCY** - Investigative actions have been concluded.
1. All Los Alamos Quality Administrative Procedures were examined to determine if they contain the statement "All Los Alamos YMP employees are required to be trained to this procedure." Only one procedure, LANL-YMP-QP-17.4, RO, contained the statement. See letter, Bolivar to Spence, SLB:jd, dated October 29, 1993.
 2. LANL-YMP-QP-17.4, RO, was revised to delete the requirement that "all" employees be initially trained to the procedure. Section 9.1 states that LANL YMP employees who conduct work listed in Section 6.0 are required to train to LANL-YMP-QP-17.6. RO, the revised procedure. Section 9.2 states that "read only" training is required before work is performed and that formal training will be conducted within six months of employment or the effective date of the procedure. See cover page of revised procedure, plus Section 9.0.
- C. **PRECLUDE RECURRENCE** - Not required.
- D. **ROOT CAUSE DETERMINATION** - Not required.

 Date 10/29/93
Signature

UNCLASSIFIED INFORMATION

INFORMATION COPY X PRELIMINARY DRAFT DOCUMENT _____

NUCLEAR WASTE MANAGEMENT R&D
LOS ALAMOS NATIONAL LABORATORY
EES-13, MS J521
LOS ALAMOS, NM 87545

Re: YMP-93-051

FAX No.: FTS 843-1934 or (505) 667-1934
Verify: FTS 843-9768 or (505) 667-9768

TO: SANDRA Bates

TO: _____

ORGANIZATION: SAIC.

ORGANIZATION: _____

TO: _____

TO: _____

ORGANIZATION: _____

ORGANIZATION: _____

TO: _____

TO: _____

ORGANIZATION: _____

ORGANIZATION: _____

TO: _____

TO: _____

ORGANIZATION: _____

ORGANIZATION: _____

MESSAGE:

Call me upon receipt. THX!

FROM: Mike Cleverger

PHONE: 505 665-1A5A

PAGES (excluding this page) 3

DATE: 29 Oct. 93

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

WBS 1.2.11.2
"QA"

October 29, 1993

TWS-EES-13-10-93-010

Mr. Richard Spence
Yucca Mountain Site Characterization Project
U. S. Department of Energy
P.O. Box 98608
Las Vegas, NV 89193-8608

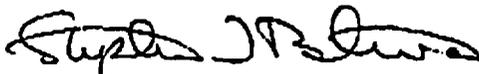
Dear Mr. Spence:

SUBJECT: COMPLETION OF CORRECTIVE ACTION ON CAR YM-93-051 GENERATED AS A RESULT OF YMQAD AUDIT YMP-93-11 OF LOS ALAMOS NATIONAL LABORATORY

Corrective actions stated on CAR YM-93-051 have been completed. All Quality Administrative Procedures contained in the current Los Alamos YMP Quality Assurance Manual have been examined to determine whether or not they contain the following statement: "All Los Alamos YMP employees are required to be trained to this procedure." None of the procedures contain this statement. In addition, procedure LANL-YMP-QP-17.6, R0 has been prepared to replace LANL-YMP-QP-17.4, R0 and requires that only individuals who work to it are to be trained.

If you have any questions, please contact Stephen L. Bolivar at FTS (505) 667-1868 or Michael J. Clevenger at FTS (505) 667-9768.

Sincerely,



Stephen L. Bolivar

SLB:jd

Cy:

J. A. Canepa, EES-13, MS J521
S. D. Bates, SAIC
N. J. Brogan, SAIC (Original)
M. J. Clevenger, EES-13, MS J521
J. L. Day, LATA, MS M321
RPC File (2), MS M321
TWS-BLS-13 File, MS J521

EFFECTIVE DATE

LANL-YMP-QP-17.6, RO

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RECORDS MANAGEMENT

APPROVALS

S. J. MARTINEZ — PREPARER

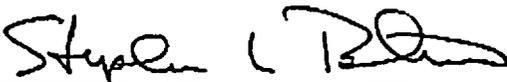
DATE



10/29/93

S. L. BOLIVAR — QUALITY ASSURANCE PROJECT LEADER

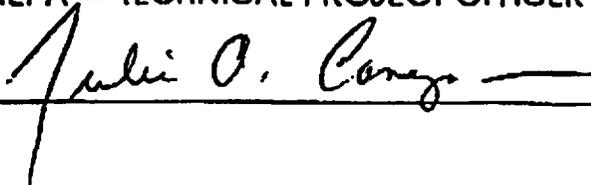
DATE



10/29/93

J. A. CANEPA — TECHNICAL PROJECT OFFICER

DATE



10/29/93

Los Alamos

Yucca Mountain Site

6.9 Modifying (e.g., correcting, supplementing, or superseding) Records Previously Accepted by the Central Records Facility

The record source performs the following steps.

- 6.9.1 Obtains the accession number for the original record from the RPC Operations Coordinator or Assistant RPC Operations Coordinator (EES-13/LV).
- 6.9.2 Transmits a new record to the RPC according to Section 6.4 or 6.5 and enters a statement in the title or subject line using the following as a guide, but with the actual accession number.

"This record modifies a record, titled (*enter record's title*) accession number NNA.911226.0014, previously transmitted to the Central Records Facility."

6.10 Retrieval of Records from the RPC or EES-13/LV Record Facility

An employee may request a copy of a record by providing the RPC Operations Coordinator or Assistant RPC Operations Coordinator (EES-13/LV) with information such as the primary record identifier, title or subject, source, and date.

7.0 RECORDS

The following records generated from this procedure are submitted with the records which they transmit.

- Special-Processed/One-of-a-Kind Record Transmittal
- Individual Record/Records Package Transmittal
- One-of-a-Kind Record Locator

8.0 PROCEDURE ACCEPTANCE

Proper completion and submittal of the records, listed in Section 7.0, to the Central Records Facility provide evidence of satisfactory implementation of this procedure.

9.0 TRAINING REQUIREMENTS

- 9.1 Los Alamos YMP employees who conduct work listed in Section 6.0 are required to train to this procedure.
- 9.2 This procedure requires "read only" training before performing work and "formal training" within 6 months of its effective date or within 6 months of being employed by Los Alamos YMP.