



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

JUL 08 1993

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for Yucca Mountain Site
Characterization Project
Los Alamos National Laboratory
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Los Alamos, NM 87545

EVALUATION OF RESPONSES TO CORRECTIVE ACTION REQUEST (CAR) YM-93-050 AND
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 evaluated the responses to CARs YM-93-050 and YM-93-051. The responses have been determined to be satisfactory. Verification of completion of the corrective actions will be performed after the effective dates provided. Any extension to these dates must be requested in writing, with appropriate justification, prior to the date. Please send a copy of extension requests to Nita J. Brogan, Quality Assurance Technical Support Services, 101 Convention Center Drive, Suite 640, Las Vegas, Nevada 89109.

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-4932

Enclosures:

1. CAR YM-93-050
2. CAR YM-93-051

cc w/encls:

J. B. Tillman, LAAO
J. H. Hines, OQD, AL
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
C. J. Henkel, EEI, Las Vegas, NV

cc w/o encls:

J. W. Gilray, NRC, Las Vegas, NV
N. J. Brogan, QATSS, Las Vegas, NV

YMP-5

9307210312 930708
PDR WASTE PDR
WM-11

ADD: Ken Hooks

102.7
Ltr. Encl. WM-11
NHO3

ORIGINAL
THIS IS A RED STAMP

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

8 CAR NO.: YM-93-050
DATE: May 28, 1993
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document LANL-YMP-QAPP, R5		2 Related Report No. YMP-93-11	
3 Responsible Organization LANL		4 Discussed With Stephen L. Bolivar	
5 Requirement: LANL-YMP-QAPP, Revision 5, dated March 1, 1991, Section 17.0, Paragraph 17.4, states in part: "... Records shall be legible, identifiable, accurate, complete, reproducible on microfilm and other media, and appropriate to the work accomplished ..."			
6 Adverse Condition: Attachment 1 of Los Alamos procedure LANL-EES 13-DP-609, R0, is a quality record resulting from the execution of this procedure. Contrary to the above requirement that records be identifiable, page 2 of Attachment 1 lacks any provision for information linking it unambiguously to any specific page 1 of the attachment.			
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: 06/30/93	
12 Required Actions: <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Extent of Deficiency <input type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
13 Recommended Actions: 1. Amend page 2 of the attachment to provide for traceability to page 1.			
7 Initiator S.D. Bates <i>S.D. Bates</i> Date <u>6/3/93</u>		14 Issuance Approved by: OADD <i>[Signature]</i> Date <u>6/8/93</u>	
15 Response Accepted OAR <i>S.D. Bates</i> Date <u>7/2/93</u>		16 Response Accepted OADD <i>[Signature]</i> Date <u>07-07-93</u>	
17 Amended Response Accepted OAR _____ Date _____		18 Amended Response Accepted OADD _____ Date _____	
19 Corrective Actions Verified OAR _____ Date _____		20 Closure Approved by: OADD _____ Date _____	

ENCLOSURE

REV 08/90

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U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

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DATE: 06/29/93
PAGE: 1 OF
QA

CORRECTIVE ACTION REQUEST (Continuation Page)

Remedial Actions:

LANL-EES-13-DP-609 will be revised to provide traceability between pages 1 and 2 of Attachment 1.

Responsible Individual:

Quality Assurance Liaison for group INC

Anticipated Completion Date:

August 1, 1993

Response Approved:



S. L. Bolivar, LANL QAPL

Date: 06/29/93

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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. Casady 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 <u>6/7/93</u>		14 Issuance Approved by: QADD <i>[Signature]</i> Date <u>6/8/93</u>	
15 Response Accepted QAR <i>S.D. Bates</i> Date <u>7/2/93</u>		16 Response Accepted QADD <i>[Signature]</i> Date <u>07 07 93</u>	
17 Amended Response Accepted QAR _____ Date _____		18 Amended Response Accepted QADD _____ Date _____	
19 Corrective Actions Verified QAR _____ Date _____		20 Closure Approved by: QADD _____ Date _____	

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PAGE: 1 OF 1
QA

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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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 Jr
S. L. Bolivar, LANL QAPL

Date: 06/29/93