



Department of Energy
Yucca Mountain Site Characterization
Project Office
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WBS 1.2.11
QA: N/A

JAN 15 1993

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VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION REQUEST
(CAR) YM-93-019 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
(YMQAD) AUDIT YMP-93-02 OF LOS ALAMOS NATIONAL LABORATORY

The YMQAD staff has verified the corrective action to CAR YM-93-019 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 John R. Matras at (702) 794-7197.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1946

Enclosure:
CAR YM-93-019

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
R. L. Maudlin, MACTEC, Las Vegas, NV

cc w/o encl:

J. B. Tillman, LAO
J. H. Hines, OQD, AL
A. R. Chernoff, MSD, AL
J. W. Gilray, NRC, Las Vegas, NV
N. J. Brogan, SAIC, Las Vegas, NV
B. J. Verna, YMP, NV
A. V. Gil, YMP, NV

Add: K. R. Hooks ^{for Bob}
NH03-11
102.7
WM-11

9301260228 930115
PDR WASTE
WM-11 PDR

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

8 CAR NO.: YM-93-019
DATE: 11/6/92
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document
TWS-QAS-QP-03.20, Revision 0

2 Related Report No.
Audit YMP-93-02

3 Responsible Organization
LANL

4 Discussed With
E. Robinson/S. Bolivar

5 Requirement:
Section 6.2.4.1, "Procedure for the CCB Chair"

Appoint a person or group to act as "Change Control Authority." Conduct a vote of the CCB to ratify these appointments.

6 Adverse Condition:
Contrary to the above requirement, personnel signed the following forms as Change Control Authority, but was not appointed by the CCB Chair and ratified by the CCB: RRR-200, RID-240, RID-241, and RID-242.

9 Does a significant condition adverse to quality exist? Yes ___ No X
If Yes, Circle One: A B C

10 Does a stop work condition exist? Yes ___ No X; if Yes - Attach copy of SWO
If Yes, Circle One: A B C D

11 Response Due Date:
20 Working Days from Issuance

12 Required Actions: Remedial Extent of Deficiency Preclude Recurrence Root Cause Determination

13 Recommended Actions:
Obtain Change Control Authority for the CM Specialist to correct discrepancies found during Physical and Functional CM audits.

7 Initiator John R. Matras
John R. Matras Date 11/6/92

14 Issuance Approved by:
QADD [Signature] Date 11/13/92

15 Response Accepted
QAR John R. Matras Date 12/29/92

16 Response Accepted
QADD [Signature] Date 12/30/92

17 Amended Response Accepted
QAR Date

18 Amended Response Accepted
QADD Date

19 Corrective Actions Verified
QAR John R. Matras Date 1/11/93

20 Closure Approved by:
QADD [Signature] Date 1/14/93

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CORRECTIVE ACTION RESPONSE FOR CAR NO. YM-93-019:

A. Remedial Action:

The Configuration Control Board (CCB) has determined that the individual that conducts a Software Configuration Management (SCM) audit will also be the authorized Change Control Authority for the resolution of review issues resulting from the SCM audit. This designation of Change Control Authority was proposed in the CCB meeting of November 13, 1992, and approved by the voting members of the CCB. This action was documented in CCB Meeting Minutes CMM-37, TWS-EES-13-11-92-033, dated November 13, 1992, and accepted by the CCB chair on 12/11/92.

B. Investigative Action:

Investigative action indicated that in addition to the CM specialist identified in this CAR, the Software Configuration Manager has also resolved audit issues without written authorization from the CCB. Because the CM specialist and the Software Configuration Manager are members of the SCM organization and qualified to conduct SCM audits and resolve identified review issues, the fact that the CCB had not documented Change Control Authority did not affect the quality of the issue resolution process. This action was completed by B. Robinson on 12/4/92.

C. Root Cause Determination:

N/A

D. Corrective Action to Preclude Recurrence:

The actions taken by the CCB as described in the Remedial Action section of this response will preclude recurrence of the cited condition.

Response Approved S.L. Bolivar 12/10/92
QAPL S.L. Bolivar DATE

Response Approved J.K. Canepa 12/4/92
TPO J.K. Canepa DATE

Response Approved John R. Matras 12/29/92
QAR DATE

Response Approved R.B. Bustillo 12-30-92
YMQAD DATE
YMQAE

Itc dtd 12/14/92 - TWS-EES-13-12-92-029

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CORRECTIVE ACTION REQUEST (Continuation Page)

VERIFICATION OF CAR YM-93-019

Submitted documentation indicated completion of required corrective action.
In addition reviewed CCB meeting minutes
of 12/11/92 meeting.

John R. Matras date 1/11/93
John R. MATRAS