



**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

**FEB 25 1993**

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 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-93-018 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-93-018 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.

*R. E. Spence*

Richard E. Spence, Director  
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-2694

Enclosure:  
 CAR YM-93-018

~~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, LAAO
- J. H. Hines, OQD, 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

*WM-11  
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 DH03/11  
 Add: K. R. Hooks  
 Ho Carl*

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9303030204 930225  
 PDR WASTE  
 WM-11 PDR

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

8 CAR NO.: YM-93-018  
DATE: 11/6/92  
SHEET: 1 OF 1  
QA

**CORRECTIVE ACTION REQUEST**

1 Controlling Document TWS-QAS-QP-03.17, Revision 0		2 Related Report No. Audit YMP-93-02	
3 Responsible Organization LANL		4 Discussed With E. Robinson/S. Bolivar	
5 Requirement: Section 6.2.2, "SCM Audits" states, "If audit issues are identified, perform the following actions and await resumption of the process at Step 6.2.1." <ul style="list-style-type: none"> <li>o In the "Disposition" section of the Baseline Submission Summary, check "Not Accepted," supply an explanation under "SCM/CCB Comments," and sign and date the form and return a copy to submitter.</li> <li>o Return copies of all Review/Audit Item Disposition forms and the Review/Audit Report and Recommendations form to the submitter for resolution.</li> <li>o Remove the proposed Baseline from the LANL YMP Certification Environment."</li> </ul>			
6 Adverse Condition: In contrast to the above requirement when audit issued were identified <ol style="list-style-type: none"> <li>1. (1st Bullet) The "Disposition" section of the Baseline Submission Summary was not checked "Not Accepted."</li> <li>2. (3rd Bullet) The proposed baseline was not removed from the LANL YMP Certification Environment.</li> </ol>			
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: 20 Working Days from Issuance			
12 Required Actions: <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Extent of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
13 Recommended Actions: Revise procedures to reflect current operating practices.			
7 Initiator John R. Matras Date <u>11/6/92</u>		14 Issuance Approved by: QADD <u>RC Spence</u> Date <u>11/13/92</u>	
15 Response Accepted QAR <u>John R Matras</u> Date <u>12/29/92</u>		16 Response Accepted QADD <u>RC Spence</u> Date <u>12/30/92</u>	
17 Amended Response Accepted QAR _____ Date _____		18 Amended Response Accepted QADD _____ Date _____	
19 Corrective Actions Verified QAR <u>John R Matras</u> Date <u>2/22/93</u>		20 Closure Approved by: QADD <u>RC Spence</u> Date <u>2/24/93</u>	

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RADIOACTIVE WASTE MANAGEMENT  
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**CORRECTIVE ACTION REQUEST (Continuation Page)**

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**CORRECTIVE ACTION RESPONSE FOR CAR NO. YM-93-018:**

**A. Remedial Action:**

All in-process Baseline Submission Summaries (BSS) will be reviewed to assure that for those BSSs with identified audit issues, the "Disposition" section of the document has been checked "Not Accepted," an explanation provided, and the BSS removed from the Los Alamos YMP Certification environment. This action will be completed by January 15, 1993.

**B. Investigative Action:**

Investigative action indicated that when minor issues were noted during Software Configuration Management audits, it has been an occasional practice to complete a Review/Audit Item Disposition (RID) and continue the review instead of resubmitting all of the material. This practice was discussed with the auditor and it was agreed that the described method is a more logical, efficient way of doing business; however, it is not allowed by the procedure. These audit issues were minor and the quality of the reviews was not affected. This action was completed by B. Robinson on 12/4/92.

**C. Root Cause Determination:**

N/A

**D. Corrective Action to Preclude Recurrence:**

The practice of continued processing of review material after minor audit issues have been identified was stopped by B. Robinson on 11/13/92. All audit issues identified during SCM audits are now processed as required by the procedure.

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

Response Approved J.L. Canepa 12/14/92  
TPO J.L. Canepa DATE

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

Response Approved [Signature] 12-30-92  
YMQAD DATE  
YMQAE

*Ltr dtd 12/14/92 - TWS - EES - 13 - 12 - 92 - 029*

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

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CORRECTIVE ACTION REQUEST (Continuation Page)

VERIFICATION OF CAR YM-93-018

The remedial activities indicated in this CAR response have been completed as described in Los Alamos Memorandum TWS-EES-13-02-93-030.

John R. Matras Date 2/5/93  
John R. Matras

# Los Alamos

Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

WBS: 1.2.11.5

QA

## memorandum

TO B. A. Robinson, EES-4, MS D443 DATE February 5, 1993

FROM M. S. Robinson, EES-13 *MSR* MAIL STOP TELEPHONE J521/7-0599

SYMBOL TWS-EES-13-02-93-030

SUBJECT CORRECTIVE ACTION REQUEST NO. YM-93-018

In response to the subject Corrective Action Request, additional information is provided.

Eleven baseline summaries are still in process. These baseline summaries were reviewed and

it was determined that there are no outstanding audit issues for these baselines.

MSR/elm

Cy: S. L. Bolivar, EES-13, MS J521  
Z. V. Dash, EES-4, MS D443  
R. S. Shay, INC-DO, MS J514  
RPC File (2), MS M321  
TWS-EES-13 File, MS J521