



## Department of Energy

Office of Civilian Radioactive Waste Management  
Yucca Mountain Site Characterization Office  
P.O. Box 98608  
Las Vegas, NV 89193-8608

QA: L

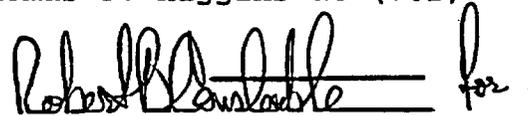
OCT 06 1994

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

EVALUATION OF RESPONSE TO CORRECTIVE ACTION REQUEST (CAR)  
YM-94-081 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE  
DIVISION (YMQAD) AUDIT YMP-94-08 OF LOS ALAMOS NATIONAL  
LABORATORY (SCPB: N/A)

The YMQAD staff has evaluated the response to CAR YM-94-081. The response has been determined to be satisfactory. Verification of completion of the corrective action will be performed after the effective date provided. Any extension to this date must be requested in writing, with appropriate justification, prior to the date. Please send a copy of extension requests to Deborah Sult, YMQAD/QATSS, 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 Thomas J. Higgins at (702) 794-7173.

  
Robert B. Constable for

Richard E. Spence, Acting Director  
Yucca Mountain Quality Assurance Division

YMQAD:RBC-118

Enclosure:  
CAR YM-94-081

cc w/encl:

~~G. Spraul~~, NRC, Washington, DC  
S. W. Zimmerman, NWPO, Carson City, NV  
J. B. Tillman, LAO  
J. H. Hines, OOD, AL  
N. Z. Elkins, LANL, Las Vegas, NV  
S. L. Bolivar, LANL, Los Alamos, NM

cc w/o encl:

W. L. Belke, NRC, Las Vegas, NV  
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

WM-11  
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102-7

YMP-5

9410120237 941006  
PDR WASTE PDR  
WM-11

**ORIGINAL**  
THIS IS A RED STAMP

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

8 CAR NO.: YM-94-081  
PAGE: 1 OF 1  
QA

**CORRECTIVE ACTION REQUEST**

1 Controlling Document LANL-YMP-QP-03.5, Revision 2		2 Related Report No. YMP-94-08	
3 Responsible Organization LANL-YMP		4 Discussed With C. Tait/M. Clank	
5 Requirement: Paragraph 6.6.1 of QP-03.5, Revision 2 requires that data be evaluated and a statement is entered into the notebook explaining the acceptance or rejection of the data.			
6 Adverse Condition: Contrary to the above requirement, data recorded in the following scientific notebooks had no evidence of any such evaluation.  * TWS-INC-01-93-12 * TWS-CST-02-94-03 * LA-CSI-03-94-013 * TWS-INC-06-93-09 * TWS-INC-01-93-10			
9 Does a Significant Condition Adverse to Quality exist? Yes ___ No <u>X</u> If Yes, Check One: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		10 Does a stop work condition exist? Yes ___ No <u>X</u> ; If Yes - Attach copy of SWO If Yes, Check One: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	
		13 Response Due Date: 20 Working Days from Issuance	
11 Required Actions: <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Extent of Deficiency <input type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
12 Recommended Actions: * Comply with existing procedures.			
7 Initiator Thomas J. Higgins <i>[Signature]</i> 8-23-94		14 Issuance Approved by: QADD <i>[Signature]</i> for Date 8-24-94	
15 Response Accepted QAR <i>[Signature]</i> Date 9-30-94		16 Response Accepted QADD <i>[Signature]</i> for Date 10-5-94	
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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CAR NO. \_\_\_\_\_  
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**CORRECTIVE ACTION REQUEST (CONTINUATION PAGE)**

CORRECTIVE ACTION RESPONSE FOR CAR NO. YM-94-081: Page 1 of 1

**A. Remedial Action:**

NOTE: LANL-YMP-QP-03.5, R2 was revised before the YMQAD audit YMP-94-08. LANL-YMP-QP-03.5, R3 states in part:

6.3 Notebook Data Evaluation

6.3.2 Rejected data are labeled with a statement such as, "Theses data are unacceptable and are not to be used for licensing," and the employee making the entry signs and dates the statement.

The PI is responsible (accountable) for the following:

6.3.3 If the data are suspicious or have been compromised because of equipment malfunction (e.g., M&TE accuracy) or failure during routine daily analysis or experimentation, the responsible PI ensures that the data are evaluated for acceptance and rejection by a qualified individual. Rejected data are labeled in accordance with subsection 6.3.2.

The following notebooks will be reviewed for rejected data in accordance with LANL-YMP-QP-03.5, R3:

TWS-INC-01-93-12; TWS-CST-02-94-03; LA-CST-03-94-013; TWS-INC-06-93-09; & TWS-INC-01-93-10.

**Responsible Individual:**

C. D. Tait

**Anticipated Completion Date:**

November 18, 1994

**B. Extent of the Deficiency:**

Not required for this Corrective Action Request per block 11, page 1 of CAR-081.

**C. Root Cause Determination:**

Not required for this Corrective Action Request per block 11, page 1 of CAR-081.

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

Not required for this Corrective Action Request per block 11, page 1 of CAR-081.

Responsible Individual:

C. D. Tait

C. D. Tait

Response Approved:

S. L. Bolivar

S. L. Bolivar, LANL QAPL

Date: 09/15/94