



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

WBS 1.2.9.3
QA

DEC 12 1991

Willis L. Clarke
Acting Technical Project Officer
for Yucca Mountain
Site Characterization Project
University of California
Lawrence Livermore National Laboratory
P.O. Box 5514, L-217
Livermore, CA 94551

ISSUANCE OF CORRECTIVE ACTION REQUEST (CAR) YM-92-018 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) AUDIT YMP-92-05 OF LAWRENCE LIVERMORE NATIONAL LABORATORY

Enclosed is CAR YM-92-018 generated as a result of YMQAD Audit YMP-92-05.

Please identify the corrective action to be taken and implemented to correct the deficiency. A CAR Continuation Sheet and instructions for completion have been provided. Send the original of your response to Nita Brogan, Science Applications International Corporation, Las Vegas, Nevada. Response to the CAR is due ten days from the date of this letter. Any extension to the due date must be requested in writing with appropriate justification prior to that date.

If you have any questions, please contact either Robert B. Constable at (702) 794-7945 or FTS 544-7945 or Richard L. Weeks at (702) 794-7853 or FTS 544-7853.

R. E. Spence

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1225

Enclosure:
CAR YM-92-018

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PDR WASTE
WM-11 PDR

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

8 CAR NO.: YM-92-018
DATE: 12-10-91
SHEET: 1 OF 2
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document 033-YMP-QP No. C, Revision 2 and 033-YMP-QP 18.0, Revision 3		2 Related Report No. Audit Report YMP-92-05	
3 Responsible Organization LLNL		4 Discussed With R. Monks	
5 Requirement: No. C, Terms and Definition, states in part, "Adverse Finding: 3) a violation of an established policy, procedure, instruction, or drawing requirement." Paragraph 18.0.5.6 states in part, "Each Adverse Finding is further identified and processed using a Corrective Action Report (CAR)..."			
6 Adverse Condition: Contrary to the requirement above, LLNL issued Audit Reports for Audits 91-02, 91-010, 91-14 and 91-15 which identified conditions that, as defined by LLNL Terms and Definitions, are Adverse Findings however, the Adverse Finding conditions were documented as Observations, Recommendations or Comments. This condition is recurrent and was documented in CAR YM-91-060.			
9 Does a significant condition adverse to quality exist? Yes <u>X</u> No <u> </u> If Yes, Circle One: (A) B C		10 Does a stop work condition exist? Yes <u> </u> No <u>X</u> ; if Yes - Attach copy of SWO If Yes, Circle One: A B C D	
		11 Response Due Date: 10 days from issuance	
12 Required Actions: <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Extent of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input checked="" type="checkbox"/> Root Cause Determination			
13 Recommended Actions: Since this is a recurring condition an expedited response is requested of LLNL. Complete and document remedial actions taken to correct specific deficiencies. Investigate identified deficient documentation to determine extent of condition.			
7 Initiator M. Diaz 12-10-91 Date		14 Issuance Approved by: QADD <i>[Signature]</i> Date <u>12/10/91</u>	
15 Response Accepted QAR Date		16 Response Accepted QADD Date	
17 Amended Response Accepted QAR Date		18 Amended Response Accepted QADD Date	
19 Corrective Actions Verified QAR Date		20 Closure Approved by: QADD Date	

ENCLOSURE

**OFFICE OF CIVILIAN
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8 CAR NO.: YM-92-018

DATE: 12-10-91

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CORRECTIVE ACTION REQUEST (Continuation Page)

13 Recommended Action(s) (continued)

Determine root cause of condition.

Document corrective actions taken to prevent recurrence of condition.

Format for Corrective Action Response

The CAR response shall include the following information:

1. Corrective Action Response for CAR # _____
 - A. Remedial Action - Actions taken to correct specific deficiencies noted.
(Required for all CARs)
 - B. Investigative Action - Actions taken to determine the extent of the condition.
(Required for all significant conditions adverse to quality or any Condition Adverse to Quality if requested by OQA)
 - C. Root Cause Determination - Identification of the root cause of the condition.
(Required for all significant conditions adverse to quality or any Condition Adverse to Quality if requested by OQA)
 - D. Corrective Action to Preclude Recurrence - Actions taken to address the root cause and preclude recurrence of the condition.
(Required for all significant conditions adverse to quality or any Condition Adverse to Quality if requested by OQA)
2. For each action above, identify the name of the individual assigned responsibility for completion and the anticipated (or actual, if complete) completion date.
3. Response Approved: _____ Date: _____
Responsible Manager

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

CAR NO. _____
DATE: _____
PAGE: _____ **OF** _____
QA

CORRECTIVE ACTION REQUEST (Continuation Page)

DEC 12 1991

Willis L. Clarke

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cc w/encl:

John Lee, SAN

K. R. Hooks, NRC, Washington, DC

S. W. Zimmerman, NWPO, Carson City, NV

C. H. Prater, SAIC, Las Vegas, NV, 517/T-06

C. L. Sellards, SAIC, Las Vegas, NV, 517/T-02

R. E. Monks, LLNL, Livermore, CA

cc w/o encl:

J. A. Blink, LLNL, Las Vegas, NV

J. W. Gilray, NRC, Las Vegas, NV

N. J. Brogan, SAIC, Las Vegas, NV, 517/T-08