



**Department of Energy**  
Office of Civilian Radioactive Waste Management  
Yucca Mountain Site Characterization Office  
P.O. Box 98608  
Las Vegas, NV 89193-8608  
SEP 29 1994

QA: L

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EVALUATION OF RESPONSE TO CORRECTIVE ACTION REQUEST (CAR)  
YM-94-080 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-94-080. 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 Donald J. Harris at (702) 794-7356.

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

YMQAD:RBC-5234

Enclosure:  
CAR YM-94-080

cc w/encl:  
J. B. Tillman, LAAO  
J. H. Hines, OQD, AL  
R. L. Johnson, NRC, Washington, DC  
S. W. Zimmerman, NWPO, Carson City, NV  
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

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PDR WASTE  
WM-11 PDR

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

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**CORRECTIVE ACTION REQUEST**

<b>1 Controlling Document</b> QARD DOE/RW-0333P		<b>2 Related Report No.</b> YMP-94-08	
<b>3 Responsible Organization</b> LANL YMP QA		<b>4 Discussed With</b> M. Clevenger/P. Gillespie	
<b>5 Requirement:</b> 1) Section 2.0, Quality Assurance Program Documents, Subsection 2.2.2, Step B . Affected organizations shall establish QA implementing documents applicable to their scope of work that translates QARD requirements into work processes. <p align="center">(Continued on next page)</p>			
<b>6 Adverse Condition:</b> Contrary to the above requirements, LANL-YMP-QP-04.6, Revision 1, Procurement procedure, in some instances only reiterates the QARD requirements with no methodology on how to satisfy the requirements and no provisions or mechanism to demonstrate the requirements were satisfied, examples are: Paragraphs 6.1.6, 6.3, 6.4 and 6.5.  NOTE: LANL-YMP-QP-04.6, Revision 1, Procurement, has not been implemented as of August 19, 1994.			
<b>9 Does a Significant Condition</b> 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		<b>10 Does a stop work condition exist?</b> 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	
		<b>13 Response Due Date:</b> 20 Working Days From Issuance	
<b>11 Required Actions:</b> <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Extant of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
<b>12 Recommended Actions:</b>   			
<b>7 Initiator</b> Donald J. Harris    8/17/94 <i>DJ Harris</i>		<b>14 Issuance Approved by:</b> QADD <i>[Signature]</i> Date 8-24-94	
<b>15 Response Accepted</b> QAR <i>[Signature]</i> Date 9/26/94		<b>16 Response Accepted</b> QADD <i>[Signature]</i> Date 9-28-94	
<b>17 Amended Response Accepted</b> QAR    Date		<b>18 Amended Response Accepted</b> QADD    Date	
<b>19 Corrective Actions Verified</b> QAR    Date		<b>20 Closure Approved by:</b> QADD    Date	

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**CORRECTIVE ACTION REQUEST (CONTINUATION PAGE)**

5 Requirements (continued)

- 2) Section 5.0, Implementing Documents, Subsection 5.2.2, Content of Implementing Documents, Step C requires in part, "...a sequential description of work to be performed."
- 3) Step D requires quantitative or qualitative acceptance criteria sufficient for determining the activities were satisfactorily accomplished.
- 4) Step G requires methods for demonstrating the work was performed as required, such as for provisions for recording inspection and test results, check off lists or sign off blocks.

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**CORRECTIVE ACTION REQUEST (CONTINUATION PAGE)**

5 Requirements (continued)

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**CORRECTIVE ACTION REQUEST (CONTINUATION PAGE)**

**CORRECTIVE ACTION RESPONSE FOR CAR NO. YM-94-080: Page 1 of 1**

**A. Remedial Action:**

1. LANL-YMP-QP-04.6, R1, "Procurement," will be revised to more clearly translate QARD requirements into work processes that better describe the methods to be used to satisfy QARD requirements and include provisions to demonstrate that requirements were satisfied.
2. LANL-YMP-QP-04.6, Attachment 2, "Procurement Acceptance Report," provides a method for acceptance of procured standards and services. Additional documentation requirements and methods will be specified to provide evidence that activities related to supplier selection and bid evaluation were performed as required.

**Responsible Individual:**

P.F. Gillespie

**Anticipated Completion Date:**

December 30, 1994

**B. Extent of the Deficiency:**

Not required for this Corrective Action Request per block 11, page 1 of CAR-080.

**C. Root Cause Determination:**

Not required for this Corrective Action Request per block 11, page 1 of CAR-080.

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

Corrective action to preclude recurrence does not seem appropriate for this CAR. Procedure LANL-YMP-QP-04.6 had recently been revised (1 Aug. 1994) to incorporate the requirements of DOE/RW-0333P, OCRWM QARD and the procedure had not been implemented at the time of YMQAD Audit YMP-94-08.

Responsible Individual:

Paul F. Gillespie  
P. F. Gillespie

Response Approved:

Stephen L Bolivar  
S. L. Bolivar, LANL QAPL

Date: 09/15/94