



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

AUG 24 1993

Carl P. Gertz, Project Manager, YMP, NV

ISSUANCE OF CORRECTIVE ACTION REQUEST (CAR) YM-93-086 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) AUDIT YMP-93-15 (SCP: N/A)

Enclosed is CAR YM-93-086 generated as a result of YMQAD Audit YMP-93-15.

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 J. Brogan, YMQAD/QATSS, 101 Convention Center Drive, Suite 640, Las Vegas, Nevada 89109. Response to the CAR is due 20 working 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 794-7945 or John S. Martin at 794-7881.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-5687

Enclosure:
CAR YM-93-086

cc w/encl:

S. W. Zimmerman, NWPO, Carson City, NV
K. R. Hooks, NRC, Washington, DC
J. W. Estella, SAIC, Las Vegas, NV
K. M. Branum, M&O/TRW, Las Vegas, NV
T. L. Badredine, M&O/TRW, Las Vegas, NV
P. G. Jones, M&O/TRW, Las Vegas, NV
D. G. Horton, OQA (RW-3) YMP, NV
L. M. Smith, YMP, NV
J. C. de la Garza, YMP, NV

cc w/o encl:

J. W. Gilray, NRC, Las Vegas, NV
N. J. Brogan, YMQAD/QATSS, Las Vegas, NV

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PDR WASTE
WM-11 PDR

YMP-5

ADD: Ken Hooks

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

8 CAR NO.: YM-93-086
DATE: 8/16/93
SHEET: 1 OF 2
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document QARD (DOE/RW-0214, Revision 4, ICN 4.1)		2 Related Report No. YMP-93-15	
3 Responsible Organization YMPO		4 Discussed With R. Barton/M. Blanchard	
5 Requirement: <div style="margin-left: 20px;"> 1) QARD (DOE/RW-0214, Revision 4, ICN 4.1, Section 4.0, Paragraph 4.0, states in part: "The provisions of NQA-1 Basic Requirement 4 and Supplement 4S-1 shall apply...." NQA-1 Criterion 4, Supplement 4S-1, Section 4.0, Paragraph 2 states in part: "Procurement documents issued at all tiers shall include provisions for the following as deemed necessary by the Purchaser...Scope of Work, Technical Requirements, Quality Assurance Program Requirements, Rights of Access, Documentation Requirements and Nonconformance Reporting." Paragraph 3, "Procurement Document Review" states in part: "A review of procurement documents and changes thereto shall be made to assure that documents transmitted to the prospective Supplier(s) include appropriate provisions to assure that items or services will meet the specified </div>			
6 Adverse Condition: <div style="margin-left: 20px;"> 1) Contrary to requirements listed in 1 above, reviews to assure that procurement documents contain the appropriate provisions noted above and as outlined in QMP-04-03, "Technical Directives" are not being performed prior to issuance of work authorization. In discussions with cognizant YMPO personnel, it was ascertained that work activities and the delineation of the work scope is given to participants through AP-5.36. As such, work is being implemented prior to review of procurement documents (i.e. TDs) to assure that the scope, technical requirements, and quality requirements are appropriately incorporated. Examples include pending TDs: SNL-93-009, TRW-93-014, LANL-93-011, LLNL-93-012, and USGS-93-010 for which work is ongoing. </div> <div style="margin-left: 20px;"> 2) Contrary to the requirements listed in 2 above, YMPO did not utilize QMP-04-02 for the processing of interagency agreement (a procurement </div>			
9 Does a significant condition adverse to quality exist? Yes <u>X</u> No <u> </u> If Yes, Circle One: A B <u>(C)</u>		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: 20 Working 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: <div style="margin-left: 20px;"> 1) Correct deficiencies noted in Block 6. 2) Investigate to determine the extent of the deficiencies. 3) Determine impact to on-going work activities. </div>			
7 Initiator John S. Martin <i>[Signature]</i> Date <u>8/16/93</u>		14 Issuance Approved by: QADD <i>[Signature]</i> Date <u>8/23/93</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
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.**

8 CAR NO.: YM-93-086
DATE: 8/16/93
SHEET: 2 OF 2
QA

CORRECTIVE ACTION REQUEST (Continuation Page)

5 Requirements (continued)

requirements. Reviews shall be performed and documented prior to contract award."

In addition, Paragraph 4 states: "Procurement document changes shall be subject to the same controls as the ones utilized in preparation of the original documents."

- 2) QMP-04-02, Revision 0, ICN 1, Paragraph 1.1 states in part: "This procedure establishes the methods and responsibilities for preparing, reviewing, approving and controlling procurement documents...."

Paragraph 2.0 states in part: "Project Office procurements are limited to procuring services.... Procurements are conducted for the following types of activities:... Interagency agreement...."

6 Adverse Condition (continued)

document) No. DE-AI08-92NV11223, U.S. Bureau of Reclamation.

13 Recommended Action(s) (continued)

- 4) Correct the deficiencies identified during the investigation.
- 5) Determine the root cause of the condition and take measures to preclude recurrence.