



Department of Energy
 Yucca Mountain Site Characterization
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WBS 1.2.9.3

SEP 30 1992

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 Technical Project Officer
 for Yucca Mountain
 Site Characterization Project
 U.S. Geological Survey
 101 Convention Center Drive
 Suite 860
 Las Vegas, NV 89109

EVALUATION OF RESPONSE TO CORRECTIVE ACTION REQUEST (CAR) YM-92-060 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) AUDIT YMP-92-20 OF U.S. GEOLOGICAL SURVEY

The YMQAD staff has evaluated the response to CAR YM-92-060. 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 Nita Brogan, Science Applications International Corporation, Las Vegas, Nevada.

If you have any questions, please contact either Robert B. Constable at 794-7945 or Donald J. Harris at 794-7356.

Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-5850

Enclosure:
 CAR YM-92-060

- cc w/encl:
- K. R. Hooks, NRC, Washington, DC
 - S. W. Zimmerman, NWPO, Carson City, NV
 - R. W. Craig, USGS, Las Vegas, NV
 - T. H. Chaney, USGS, Denver, CO
 - J. H. Rusk, MACTEC, Las Vegas, NV, 517/T-12

- cc w/o encl:
- J. W. Gilray, NRC, Las Vegas, NV
 - N. J. Brogan, SAIC, Las Vegas, NV, 517/T-12
 - D. D. Porter, SAIC, Golden, CO

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ADD: Ken Hooks
 Lar. Encl.

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

8 CAR NO.: YM-92-060
DATE: 7/31/92
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document USGS QMP-7.01, Rev. 4, Mod 3, Control of Purchased Items...	2 Related Report No. YMP-92-20
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3 Responsible Organization USGS	4 Discussed With A. Lykins, T. Chaney
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5 Requirement:
Para. 5.4.4 states "When post installation testing is used, post-installation test requirements and acceptance documentation are developed by USGS and incorporated in the contract or other procurement document."

6 Adverse Condition:
Contrary to the above requirement, there is no objective evidence that the post-installation test requirement was incorporated in the procurement document for PO 150247-92 as evidenced by the Records Package submitted to the CRF.

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: Within 20 working days of issuance.
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12 Required Actions: Remedial Extent of Deficiency Preclude Recurrence Root Cause Determination

13 Recommended Actions:

7 Initiator D. J. Harris <i>D. J. Harris</i> Date <u>8-23-92</u>	14 Issuance Approved by: QADD <i>RC Lykins</i> Date <u>8/4/92</u>
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15 Response Accepted QAR <i>D. J. Harris</i> Date <u>9-29-92</u>	16 Response Accepted QADD <i>RC Lykins</i> Date <u>9/29/92</u>
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17 Amended Response Accepted QAR Date	18 Amended Response Accepted QADD Date
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19 Corrective Actions Verified QAR Date	20 Closure Approved by: QADD Date
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OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

CAR NO. YM-92-060
DATE: 9/1/92
PAGE: _____ OF _____
QA

CORRECTIVE ACTION REQUEST (Continuation Page)

1. Corrective Action Response for CAR # YM-92-060

- A. Remedial Action - No changes to Purchase Order 150247-92 are warranted because post-installation testing as specified in YMP-USGS-QMP-7.01, R4 was intended to provide a means to accept the purchased item(s) from a quality-assurance perspective; it was not intended to be a condition of financial acceptance. Therefore, the cited YMP-USGS-QMP-7.01 requirement to include post-installation testing requirements in the procurement document was inappropriate. (See actions to prevent recurrence.) The procurement record package for Purchase Order 150247-92 will be amended to reference YM-CAR-92-060 so that future users of the record package will have available an explanation of the intent of the post-installation testing referenced.
- B. Investigative Action - FY92 procurements by the same Principal Investigator will be reviewed to determine if they referenced post-installation testing. Procurement record packages containing a reference to post-installation testing either in the purchase order or in the requisition request will be annotated with a reference to YM-CAR-92-060.
- C. Root Cause Determination - not requested
- D. Corrective Action to Preclude Recurrence - YMP-USGS does not use post-installation testing in the sense that was intended (as a condition of financial acceptance). Therefore, YMP-USGS-QMP-4.01 and YMP-USGS-QMP-7.01 will be revised to exclude specific reference to post-installation testing.

2. Name of individual assigned responsibility for completion and anticipated completion date.

- A. Alice Lykins will amend procurement record package for Purchase Order 150247-92 by September 25, 1992.
- B. Gail Abend will determine which, if any, procurements are affected and will provide a reference to YM-CAR-92-060 by September 29, 1992. These annotated records will be supplied to Joe Henderson for inclusion in the procurement record package by October 15, 1992.
- C. Not applicable (Root cause determination not requested)

