



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

WBS 1.2.9.3

AUG 05 1992

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

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

Enclosed is CAR YM-92-060 generated as a result of YMQAD Audit YMP-92-20.

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, Science Applications International Corporation, Las Vegas, Nevada. Response to the CAR is due within 20 working days of 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 Donald J. Harris at 794-7356.

R.E. Spence

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-4799

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
J. D. Verden, M&O/TRW, Las Vegas, NV
N. J. Brogan, SAIC, Las Vegas, NV, 517/T-12
W. B. Simecka, YMP, NV

cc w/o encl:
J. W. Gilray, NRC, Las Vegas, NV
D. D. Porter, SAIC, Golden, CO

YMP-5

9208130003 920805
PDR WASTE
WM-11
110020 PDR

ADD: Ken Hooks

Ltr. Encl.

*102-7
WM-11
NH03*

**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	
3 Responsible Organization USGS		4 Discussed With A. Lykins, T. Chaney	
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 <u> </u> No <u>X</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: Within 20 working days of issuance.			
12 Required Actions: <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Extent of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
13 Recommended Actions:			
7 Initiator D. J. Harris <i>DJ Harris</i> Date <u>8-2-92</u>		14 Issuance Approved by: QADD <i>RC Lykins</i> Date <u>8/4/92</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

REV. 08/91

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

⁸ CAR NO. _____
DATE: _____
PAGE: _____ OF _____
QA

CORRECTIVE ACTION REQUEST (Continuation Page)

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