



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

WBS 9.1.2
 QA: N/A

MAY 27 1994

Michael D. Voegele
 Technical Project Officer
 for Yucca Mountain
 Site Characterization Project
 Science Applications International Corporation
 Bank of America Center, Suite 407
 101 Convention Center Drive
 Las Vegas, NV 89109

ISSUANCE OF CORRECTIVE ACTION REQUEST (CAR) YM-94-040 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) AUDIT YM-94-05 OF TECHNICAL AND MANAGEMENT SUPPORT SERVICES (SCP: N/A)

Enclosed is CAR YM-94-040 generated as a result of YMQAD Audit YM-94-05.

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 Deborah Sult, YMQAD/QATSS, 101 Convention Center Drive, Suite 640, Las Vegas, Nevada 89109. Response to the CAR is due within 20 working days from the date of this letter. Any extension to due date must be requested in writing, with appropriate justification, prior to the due date.

If you have any questions, please contact either Robert B. Constable at 794-7945 or Richard L. Maudlin at 794-7290.

Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-3683

Enclosure:
 CAR YM-94-040

Add: Bill Belke for Encl 11
 NHO3
 102.7
 WM-11

080033

YMP-5

9406080203 940527
 PDR WASTE
 WM-11 PDR

MAY 27 1994

Michael D. Voegele

-2-

cc w/encl:

W. L. Belke, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
T. L. Badredine, M&O/TRW, Las Vegas, NV
D. K. Chandler, SAIC, Las Vegas, NV
J. R. Gonzales, SAIC, Las Vegas, NV
J. B. Harper, SAIC, Las Vegas, NV

cc w/o encl:

J. W. Gilray, NRC, Las Vegas, NV
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

ORIGINAL

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

A RED STAMP: Draft YM-94-40

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CORRECTIVE ACTION REQUEST

1 Controlling Document SP 1.32, Revision 8	Initial Evaluation, qualification, Indoctrination and training of TMSS personnel	2 Related Report No. Audit Report YMF-94-05
3 Responsible Organization SAIC/T&MSS	4 Discussed With P. Chadwick/K. Johnson/J. Harper	

5 Requirement:
 SP 1.31, Section 3.0 states in part: "Employees may perform quality-affecting activities prior to completing full position qualification;... However, the manager assigning such activities must insure that the employee has been trained to the document(s) governing those activities...have been documented before quality-affecting activities are performed."

6 Adverse Condition:
 Contrary to the above, there is no objective evidence to reflect that five individuals, who participated in the review and comment of TMSS/93-003 (Organizational Description), had completed training to SP 1.2, Revision 6, prior to performing the activity.

9 Does a Significant Condition Adverse to Quality exist? Yes ___ No <u>x</u> If Yes, Circle One: A B C D E	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	3 Response Due Date: 20 Working days from issuance.
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11 Required Actions: Remedial Extent of Deficiency Preclude Recurrence Root Cause Determination

12 Recommended Actions:
 Revise the "Real Time Training requirement to reflect that the specific procedure to perform the task was read prior to performing the activity.

7 Initiator Richard L. Maudlin 5/19/94	<i>Maudlin</i> 5/19/94	14 Issuance Approved by: QADD <i>[Signature]</i> Date 5-27-94
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

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RADIOACTIVE WASTE MANAGEMENT
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WASHINGTON, D.C.

CAR NO. _____
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CORRECTIVE ACTION REQUEST (Continuation Page)

OFFICE OF CIVILIAN
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WASHINGTON, D. C.

INSTRUCTIONS FOR CORRECTIVE ACTION

You are requested to provide a response to a Corrective Action Request (CAR) by the due date identified in block 13 of the CAR. If this due date cannot be met, provide a written request for extension to the identified CAR Coordinator. This request must include justification for the delay and must be provided to the CAR Coordinator prior to the due date.

In order to develop the CAR response, perform investigative action (if required in block 11 of the CAR) to determine the extent of the deficiency and to identify root cause. Next, determine the actions required to correct the adverse condition. These actions include remedial action, and in the case of CARs that identify significant conditions adverse to quality, corrective action to preclude recurrence. A review of the recommended actions (if any) provided in block 12 of the CAR may assist in this determination. The response must include the following information:

1. Corrective Action Response for CAR # _____
 - A. Remedial Action - Describe actions required to correct the specific conditions noted. (Required for all CARs)
 - B. Extent of the Deficiency - Describe the investigative actions performed to determine the extent of the condition and the results of the determination. (Required for all Significant Conditions Adverse to Quality or for any Condition Adverse to Quality if requested by OQA).
 - C. Root Cause Determination - Identify the root cause of the condition as determined through investigative action. (Required for all Significant Conditions Adverse to Quality or for any Condition Adverse to Quality if requested by OQA).
 - D. Corrective Action to Preclude Recurrence - Identify the actions required to address the root cause of the condition in order to preclude recurrence. (Required for all Significant Conditions Adverse to Quality or for any Condition Adverse to Quality if requested by OQA).
2. For each action above, identify the name of the individual assigned responsibility for completion of the action and the anticipated (or actual, if complete) completion date.

If it becomes apparent that any of the corrective action due dates cannot be met, a written request for extension must be provided to the identified CAR Coordinator. This request must include justification for the delay and must be provided to the CAR Coordinator prior to the due date.

3. The response must include the dated signature of the Responsible Manager.