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

WBS 1.2.9.3

APR 10 1992

Carl P. Gertz, Project Manager, YMP, NV

ISSUANCE OF CORRECTIVE ACTION REQUEST (CAR) YM-92-027 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) AUDIT YMP-92-012 OF THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT OFFICE

Enclosed is CAR YM-92-027 generated as a result of YMQAD Audit YMP-92-012.

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 15 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 Gerard Heaney at 794-7826.

Robert B Constable for.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-2851

Enclosure:
CAR YM-92-027

cc w/encl:
~~K. R. Hooks, NRC, Washington, DC~~
S. W. Zimmerman, NWPO, Carson City, NV
J. W. Estella, SAIC, Las Vegas, NV, 517/T-22
C. L. Sellards, SAIC, Las Vegas, NV, 517/T-02
B. J. Verna, MACTEC, Las Vegas, NV

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

Add: K. R. Hooks Ltr Encl 1 1

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PDR WASTE
WM-11 PDR

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

8 CAR NO.: YM-92-027
DATE: 4/3/92
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document	2 Related Report No.
AP-1.10Q, Revision 4	Audit YMP-92-12
3 Responsible Organization	**4 Discussed With**
YMP	Richard Crawley

5 Requirement:

AP-1.10Q "Preparation, Review, and Approval of SCP Study Plans" Rev. 4, Para. 5.0, Step 3, states, "Prepare draft SP in accordance with the following guidance: a. SPs should conform to the level of detail, format, and content specified in the May 7 and 8, 1986, DOE/NRC agreement (Attachment 2) to the extent practical." Attachment 2, Step 3, "Description of Test and Analyses", states in part, "Reference the technical procedures that will be followed during the test. Reference the specific QA requirements that will be applied to the test."

6 Adverse Condition:

Contrary to the stated requirements, the Los Alamos Study plan for Biological Sorption and Transport does not reference the specific technical procedures used in the task, although, several procedures with specific procedure nos. and titles have been approved. In addition, several study plans reviewed during the audit contain references to QA procedures which have been superseded.

9 Does a significant condition adverse to quality exist? Yes___ No X If Yes, Circle One: A B C	10 Does a stop work condition exist? Yes___ No X ; if Yes - Attach copy of SWO If Yes, Circle One: A B C D	11 Response Due Date: 15 Days from date of transmittal letter.

12 Required Actions: [X] Remedial [X] Extent of Deficiency [ ] Preclude Recurrence [ ] Root Cause Determination

13 Recommended Actions:

Require Los Alamos to perform a review of all study plans to assess which study plans require revision to update the listing of technical and QA procedures.

Require all participants to perform a similar review as this deficiency is considered a generic Project concern.

7 Initiator	Date	14 Issuance Approved by:	Date
[signature]	4/9/92	QADD Robert B. Constable for	4/9/92
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

REV. 08 3

ENCLOSURE

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

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U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

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

CORRECTIVE ACTION REQUEST (Continuation Page)

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