



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

To: Ken Hooks

WBS 1.2.9.3
QA

JUL 17 1991

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

EVALUATION OF RESPONSE TO CORRECTIVE ACTION REQUEST (CAR) YM-91-052
RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) AUDIT
YMP-91-05 OF U.S. GEOLOGICAL SURVEY

The YMQAD staff has evaluated the response to CAR YM-91-052. 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 J. Brogan, Science Applications International Corporation, Las Vegas, Nevada.

If you have any questions, please contact either Catherine E. Hampton at 794-7973 or John S. Martin at 794-7881.

Catherine Hampton for

Donald G. Horton, Director
Yucca Mountain Quality Assurance Division

YMQAD:CEH-4660

Enclosure:
CAR YM-91-052

cc w/encl:
K. R. Hooks, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
T. H. Chaney, USGS, Denver, CO
N. J. Brogan, SAIC, Las Vegas, NV

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

YMP-5

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

14CAR NO.: YM-91-52
DATE: 5/30/91
SHEET: 1 OF 2
QA
WBS No.: 1.2.9.3

CORRECTIVE ACTION REQUEST

1 Controlling Document YMP-USGS-QAPP-01, R5	2 Related Report No. Audit No. YMP 91-05
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3 Responsible Organization USGS	4 Discussed With Peggy Warner
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10 Response Due 6/28/91	11 Responsibility for Corrective Action L. R. Hayes, USGS TPO	12 Stop Work Order Y or N N
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5 Requirement:

YMP-USGS-QAPP-01, R5, Criteria 17, Quality Assurance Records, Para. 17.4.1.2, states in part; Alternative Single Facilities: The following are acceptable alternatives to the criteria for a single facility:

- o Two-hour fire-rated vault that meets National Fire Protection Association (NFPA) 232-1975.
- o Two-hour fire-rated Class B file containers that meet the requirements of NFPA 232-1975.

6 Adverse Condition:

Contrary to the above requirements, YMP-USGS-QAPP-17.01, R4, Para. 5.5.1, allows the utilization of a one-hour fire rated container.

7 Recommended Action(s):

Identify the remedial action(s) to be taken to correct the deficiencies noted in Block 6. Investigate the program process, activities or documentation to determine the extent and depth of similar deficient conditions on the CAR. Identify these deficiencies and provide

8 Initiator J. S. Martin <i>[Signature]</i>	Date: 5/30/91	9 Severity Level - 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/>	13 Approved By: OQA <i>[Signature]</i>	Date: 5/30/91
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15 Verification of Corrective Action:

16 Corrective Action Completed and Accepted: OAR _____ Date _____	17 Closure Approved By: OQA _____
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**CORRECTIVE ACTION REQUEST
(continuation sheet)**

7 Recommended Action(s) (continued)

the measures required to correct them. Identify the cause of the condition and the planned corrective action to prevent recurrence.

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CAR NO. YM-91-52
DATE: _____
SHEET: _____ OF _____

CORRECTIVE ACTION REQUEST
(continuation sheet)

CORRECTIVE ACTION RESPONSE:

1. CORRECTIVE ACTION FOR DEFICIENT CONDITION (CAR YM-91-52)

A. Extent of Deficiency: The YMP-USGS Records Coordinator is reviewing QMP-17.01 R4, including all outstanding modifications, against the requirements in the YMP-USGS QA Program Plan, QAPP-01, R5, including changes proposed for Section 17 in the interim change notice referred to in Item C below. The results of this review will be outlined in a supplemental response by 8-1-91.

B. Root Cause: Oversight. The temporary records storage requirements in paragraph C.2.2.1 of the Records Management Plan (RMP) R2, were referred to when Modification No. 4 for QMP-17.01, R4, was prepared. The more stringent requirements for one-of-a-kind records from paragraph C.2.2.2 of the RMP and QAPP-01, R5 were inadvertently missed.

If another cause is indicated by the investigation, the results will be outlined in the 8-1-91 supplemental response.

C. Remedial Action: The YMP-USGS Records Coordinator has prepared an Interim Change Notice (ICN) for Section 17 of QAPP-01, R5. This ICN will provide the appropriate quality assurance requirements based upon the OCRWM QA Requirements Document (QARD). Anticipated approval is 8-1-91.

If the investigation reveals other discrepancies between the upper-tier documents and the implementing instruction, then appropriate actions will be taken and the results will be outlined in the 8-1-91 supplemental response.

D. Corrective Action to Prevent Recurrence: By completing the investigative and remedial actions, the Records Coordinator will have gained more knowledge of the hierarchy of YMP-USGS quality assurance requirements, and will have completed a comprehensive review to assure consistency between the program requirements and the implementing instructions. No additional actions are warranted at this time. If the investigation indicates that additional actions are warranted, the preventive measures will be outlined in the 8-1-91 supplemental response.

RESPONSE APPROVED BY: _____

Dan R. Ittner

DATE: 6/28/91

Ltr dtd 6/28/91 - Cheney to Norton

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CAR NO. YM-91-052

DATE: _____

SHEET: _____ OF _____

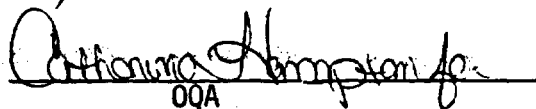
CORRECTIVE ACTION REQUEST
(continuation sheet)

RESPONSE ACCEPTED


QAR

7-2-91
Date

RESPONSE ACCEPTED


OQA

7-2-91
Date