



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

WBS 1.2.11
 QA: N/A

SEP 14 1993

William C. Kopatich
 Technical Project Officer
 for Yucca Mountain
 Site Characterization Project
 Raytheon Services Nevada
 101 Convention Center Drive
 Phase II, Suite P-250
 Las Vegas, NV 89109

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION
 REQUEST (CAR) YM-93-083 RESULTING FROM YUCCA MOUNTAIN QUALITY
 ASSURANCE DIVISION (YMQAD) AUDIT YMP-93-13 OF RAYTHEON SERVICES NEVADA
 (SCP: N/A)

The YMQAD staff has verified the corrective action to CAR YM-93-083
 and determined the results to be satisfactory. As a result, the CAR
 is considered closed.

If you have any questions, please contact Robert B. Constable at
 794-7945.

Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-6019

Enclosure:
 CAR YM-93-083

cc w/encl:

- K. R. Hooks, NRC, Washington, DC
- S. W. Zimmerman, NWPO, Carson City, NV
- D. J. Tunney, RSN, Las Vegas, NV
- J. C. de la Garza, YMP, NV

cc w/o encl:

- J. W. Gilray, NRC, Las Vegas, NV
- N. J. Brogan, YMQAD/QATSS, Las Vegas, NV

9309220115 930914
 PDR WASTE
 WM-11

PDR

YMP-5

ADD: Ken Hooks

W. Snel.

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 N403*



ORIGINAL
THIS IS A COPY

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

⁸ CAR NO. YM-93-083
DATE: 7/21/93
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CORRECTIVE ACTION REQUEST

¹ Controlling Document
QAP-16.1(Y), Rev. 1, Deficiency Reporting

² Related Report No.
Audit YMP-93-13

³ Responsible Organization
RSN

⁴ Discussed With
W. Kopatch & D. Tunney

⁵ Requirement

QAP-16.1(Y), Rev. 1, paragraph 6.2.2.2 states in part, "Requests for extensions of the response date or the effective dates committed by the responding organization shall be justified to QA, in writing, prior to the due date or effective date.

QAP-16.1(Y), Rev. 1, paragraph 6.2.4.3 states, "The QA Personnel performing the verification shall document results or verification activities in Block 20. Intermediate actions shall be initialed and dated by the verifier. When verification is satisfactorily completed, the individual performing the verification shall sign and obtain approval of the SQAYMP, completing Block 20.

⁶ Adverse Condition:

Contrary to the above, extension requests were not submitted for DR-92-O-016, -92-O-014, and -93-O-001 prior to the effective dates, annotated on the DR forms. In addition, it was noted that DR-92-S-003 was given a satisfactory verification when documentation showed that the verification was incomplete and therefore unsatisfactory.

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 SWC
If Yes, Circle One: A B C D

¹¹ Response Due Date:
20 Working Days
from Issuance

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

¹³ Recommended Actions:

Identify the remedial action to be taken to correct the deficiency identified in Block 6.
Identify the extent of the condition and the planned corrective action to prevent recurrence.

⁷ Initiator
Cynthia A. Prater Date 7/21/93

¹⁴ Issuance Approved by:
QADD *[Signature]* Date 7/27/93

¹⁵ Response Accepted
Cynthia A. Prater Date 8/6/93

¹⁶ Response Accepted
QADD *[Signature]* Date 8/31/93

¹⁷ Amended Response Accepted
QAR _____ Date _____

¹⁸ Amended Response Accepted
QADD _____ Date _____

¹⁹ Corrective Actions Verified
QAR *[Signature]* Date 09.01.93

²⁰ Closure Approved by:
QADD *[Signature]* Date 9/13/93

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WASHINGTON, D.C.

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CORRECTIVE ACTION REQUEST (Continuation Page)

PART 1 - EXTENSION REQUESTS SUBMITTED LATE

A. REMEDIAL ACTIONS

A letter will be issued to RSN management personnel advising them of the importance of meeting due dates for extension requests.

B. INVESTIGATIVE ACTIONS

The Deficiency Report files have been reviewed to determine the extent of the deficiency. The following deficiency reports had late extension(s) or no extension requests for responding to the deficiency report and/or completing the corrective action:

1.	91-S-001	9.	91-A-017	17.	92-S-006
2.	91-S-002	10.	91-O-027	18.	92-S-007
3.	91-S-003	11.	91-S-033	19.	92-O-014
4.	91-S-005	12.	91-S-035	20.	92-O-016
5.	91-A-008	13.	91-A-036	21.	92-O-017
6.	91-A-012	14.	92-S-003	22.	93-A-003
7.	91-A-014	15.	92-O-004	23.	93-A-004
8.	91-A-016	16.	92-S-005		

D. CORRECTIVE ACTION TO PREVENT RECURRENCE

A letter will be issued to RSN management personnel advising them of the importance of meeting due dates for extension requests.

RESPONSIBLE INDIVIDUALS D. J. Tunney and R. L. Schreiner

COMPLETION DATE: September 10, 1993

**PART 2 - MEMO ISSUED INDICATING UNSATISFACTORY AND NOT INDICATED
AS SUCH ON THE DEFICIENCY REPORT**

A. REMEDIAL ACTIONS

DR-92-S-003 has been annotated to show that the verification was unacceptable. This Deficiency Report has been resubmitted as a corrected record.

B. INVESTIGATIVE ACTION

The deficiency report files were reviewed and no other instances of this deficiency were detected.

D. CORRECTIVE ACTION TO PREVENT RECURRENCE

A letter has been issued to RSN YMP Quality Assurance personnel reminding them of the requirement for documenting intermediate corrective action verifications.

RESPONSIBLE INDIVIDUAL D. J. Tunney COMPLETION DATE: 08/17/93

Response Approved: W J C [Signature]
Technical Project Officer

Date: 8/24/93

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

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QA

CORRECTIVE ACTION REQUEST (Continuation Page)

VERIFICATION OF CORRECTIVE ACTION

REVIEWED LETTERS TO APPROPRIATE PERSONNEL:

R.G. MUSICK
R.L. SCHREINER
D.J. TUNNEY
L.E. WATSON
E.L. WRIGHT

TO ASSURE THAT AN UNDERSTANDING EXISTS AS TO THE NEED FOR A FORMAL EXTENSION REQUEST TO A CAR IF THE COMMITTED CORRECTIVE ACTION DUE DATE CANNOT BE MET. SIGNED COPIES OF THESE LETTERS WERE RETURNED TO RSN QA BY THE APPROPRIATE PERSONNEL LISTED ABOVE ATTESTING TO THEIR UNDERSTANDING OF THE PROCEDURAL REQUIREMENTS.

DUE TO THE LIMITED ROLE OF QUALITY ASSURANCE AT RSN, NO GUARANTEES EXIST THAT ADDITIONAL DEFICIENCY REPORTS WILL BE GENERATED IN THE NEAR FUTURE HOWEVER, TO ASSURE THAT APPROPRIATE EXTENSION REQUESTS ARE REQUESTED FOR DR'S IN THE FUTURE DOE/QA WILL SCHEDULE A SURVEILLANCE IN THIS AREA IF AND WHEN A REPRESENTATIVE SAMPLE OF FUTURE DR'S ARE GENERATED.

DR-92-S-033 HAS BEEN REVIEWED/CORRECTED & RESUBMITTED AS A RECORD.

Robert B. Constable.
Robert B. Constable.

09-01-93