



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

WBS 1.2.9.3

SEP 29 1992

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

ISSUANCE OF CORRECTIVE ACTION REQUESTS (CAR) YM-92-074, YM-92-075, AND
YM-92-076, RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD)
AUDIT YMP-92-23 OF TECHNICAL AND MANAGEMENT SUPPORT SERVICES

Enclosed are CAR YM-92-074 through YM-92-076 generated as a result of YMQAD
Audit YMP-92-23.

Please identify the corrective actions to be taken and implemented to correct
the deficiencies. CAR Continuation Sheets and instructions for completion
have been provided. Send the originals of your responses to Nita J. Brogan,
Science Applications International Corporation, Las Vegas, Nevada. Responses
to the CAR are due 20 working days from issuance of this letter. Extensions
to due dates must be requested in writing with appropriate justification
prior to the due dates.

If you have any questions, please contact either Robert B. Constable at
794-7945 or Donald J. Harris at 794-7356.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-5775

Enclosures:

1. CAR YM-92-074
2. CAR YM-92-075
3. CAR YM-92-076

9210080242 920929
PDR WASTE
WM-11

PDR

YMP-5

ADD: Ken Hooks
Ltr. Encl.
1, 1

102.7
WM-11
NH03

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

8 CAR NO.: YM-92-075
DATE: 9-18-92
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document T&MSS SP 1.23, REV. 4		2 Related Report No. Audit YMP-92-23	
3 Responsible Organization T&MSS		4 Discussed With F. Lofftus, J. Harper	
5 Requirement: SP 1.23, Rev. 4, Paragraph 5.7, Conditional Release, details the initiation, review, approval, tracking, and closure process for conditional release of an item.			
6 Adverse Condition: NCR 92-027 for Europium-152 source had a Conditional Release indicated in Block 10, which included the number. For a number to be indicated, the Conditional Release had to go through three reviews and approvals by the DM, APM, and QAM. The NCR was closed on 9/10/92. The conditional release was never actually issued.			
9 Does a significant condition adverse to quality exist? Yes ___ No <u>X</u> If Yes, Circle One: A B C		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 D	
11 Response Due Date: 20 working days from issuance			
12 Required Actions: <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Extent of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input checked="" type="checkbox"/> Root Cause Determination			
13 Recommended Actions:			
7 Initiator <i>J. Blaylock</i> Date <u>9/22/92</u>		14 Issuance Approved by: QADD <i>RC Spruce</i> Date <u>9/28/92</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	

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

8 CAR NO.: YM-92-074
DATE: 9-17-92
SHEET: 1 OF 2
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document
SP 1.32, Revision 1

2 Related Report No.
YMP 92-23

3 Responsible Organization
SAIC

4 Discussed With
Doug Chandler and James Harper

5 Requirement:

A. SP 1.32, Revision 1, Para 5.2, "Management Assessment" and T&MSS 1991 Management Assessment Plan states:

"Ensure that team leader and team members have the necessary knowledge of QA Program requirements to successfully accomplish their assessment."

B. 1991 Management Assessment Plan for 1991 Management Assessment of the T&MSS QA Program states:

Indoctrination and Training forms must be completed for each member of the QA Management Assessment Team, documenting their reading assignments of the following:

6 Adverse Condition:

Contrary to this requirement, the Assessment Team Members R. Cutshaw, T. Barbour, J. Longenecker and T. Colandrea documented that they had read T&MSS QAPD, Revision 2 in compliance with the requirement, instead of Rev. 4.

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:
20 Working days from issuance

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

13 Recommended Actions:

7 Initiator *A. E. Cocoros* Date 9/17/92

14 Issuance Approved by: *R. C. Spruce* Date 9/28/92

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

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WASHINGTON, D.C.

8 CAR NO.: YM-92-074
DATE: 9-17-92
SHEET: 2 OF 2
QA

CORRECTIVE ACTION REQUEST (Continuation Page)

5 Requirements (continued)

date: 4/17/92

- o T&MSS QAPD, Revision 4, effective date: 5/31/91

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

8 CAR NO.: YM-92-076
DATE: 9-18-92
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document
T&MSS SP 1.37, Rev. 5

2 Related Report No.
Audit YMP-92-23

3 Responsible Organization
T&MSS

4 Discussed With
James Harper

5 Requirement:
SP 1.37, Rev. 5, Paragraph 5.7 and 5.7.1 detail the responsibilities in evaluating responses and verification of corrective action and closure, respectively.

6 Adverse Condition:
QFR 92-018 identified deficient conditions in three part, elements A, B, and C. The response to this QFR addressed only element A. Element B had been corrected, although neither the response or verification of closure documented the action; no actions were taken/documentated with respect to element C. This is a repetitive deficiency, see YM-91-064

9 Does a significant condition adverse to quality exist? Yes X No ___
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:
20 working days from issuance

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

13 Recommended Actions:

7 Initiator
J. Blaylock Date 9/21/92

14 Issuance Approved by:
QADD [Signature] Date 9/28/92

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

Michael D. Voegele

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SEP 29 1992

cc w/encl 3:

D. G. Horton, OQA, HQ (RW-3) FORS

cc w/encls:

K. R. Hooks, NRC, Washington, DC

S. W. Zimmerman, NWPO, Carson City, NV

J. D. Verden, M&O/TRW, Las Vegas, NV

J. H. Rusk, MACTEC, Las Vegas, NV

D. K. Chandler, SAIC, Las Vegas, NV, 517/T-04

J. R. Gonzales, SAIC, Las Vegas, NV, 517/T-28

N. J. Brogan, SAIC, Las Vegas, NV, 517/T-12

cc w/o encls:

J. W. Gilray, NRC, Las Vegas, NV