



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

WBS 1.2.9.3
QA

FEB 08 1991

John H. Nelson
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

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION REQUEST
(CAR) YM-91-013 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
(YMQAD) AUDIT 90-08 OF TECHNICAL AND MANAGEMENT SUPPORT SERVICES

The YMQAD staff has verified the corrective action to CAR YM-91-013 and
determined the results to be satisfactory. As a result, the CAR is
considered closed.

If you have any questions, please contact either Catherine E. Hampton at
794-7973 or Kerby L. Tyger at 794-7250.

Donald G. Horton
Donald G. Horton, Director
Yucca Mountain Quality Assurance Division

YMQAD:CEH-2067

Enclosure:
CAR YM-91-013

cc w/encl:
K. R. Hooks, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
N. J. Brogan, SAIC, Las Vegas, NV, 517/T-08
W. V. Macnabb, SAIC, Las Vegas, NV, 517/T-04
K. W. Moore, SAIC, Las Vegas, NV, 517/T-28

cc w/o encl:
J. W. Gilray, NRC, Las Vegas, NV

YMP-5
9102210053 910208
PDR WASTE
WM-11 PDR

FULL TEXT ASCII SCAN

102.7
WM-11
NH03

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

14 CAR NO.: YM-91-013
DATE: 11/27/90
SHEET: 1 OF 16
QA Kr
WBS No.: N/A

CORRECTIVE ACTION REQUEST

1 Controlling Document SP 1.43, Revision 0 (8/10/90)		2 Related Report No. Audit 90-08
3 Responsible Organization SAIC	4 Discussed With J. Harper	
10 Response Due 12/27/90	11 Responsibility for Corrective Action J. Harper	12 Stop Work Order Y or N N

5 Requirement:

- SP 1.43, Section 5.1 requires the identification and justification for commercial grade items to be delineated on a document suitable for attachment to the Purchase Requisition.
- SP 1.43, Section 5.2.2 requires the requester's APM to "indicate approval and verification of the statements made by signing and dating the description document."

6 Adverse Condition:

- Purchase Requisition #5602921 for commercial grade items does not have the justification attached as required.
- Justifications for commercial grade items were attached to Purchase Requisitions #5544376 and #5591128. However, the justifications were not signed and dated by the APM.

7 Recommended Action(s):

- Review affected Purchase Requisitions (in addition to the above) and provide justifications as required.
- Provide procedural changes and/or training to prevent recurrence.

8 Initiator K. L. Tyger	Date: <u>11/19/90</u>	9 Severity Level - 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/>	13 Approved By: OQA <u>Jane Blaylock for</u>	Date: <u>11/21/90</u>
----------------------------	--------------------------	---	---	--------------------------

15 Verification of Corrective Action:

ACCEPTABLE - REFER TO PAGE 415 OF THIS CAR.

16 Corrective Action Completed and Accepted: OAR <u>Kesley L. Tyger</u> Date <u>1/31/91</u>	17 Closure Approved By: OQA <u>Catherine Harper for</u> <u>2/1/91</u>
--	--

ENCLOSURE

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

CAR NO. YH-91-013
DATE: 12/27/90
SHEET: 2 OF 15
KT
1/28/91 V31/91

CORRECTIVE ACTION REQUEST
(continuation sheet)

CORRECTIVE ACTION FOR DEFICIENT CONDITION NO. 1

A. ~~EXTENT OF DEFICIENCY: N/A~~

B. ~~ROOT CAUSE:~~

~~Purchase Requisition (PR) 5602921 was initially reviewed and deemed as QA NA. However, after further discussion, it was revised to reflect commercial grade to be used in a quality affecting application. The requisition is still not approved, however, it is still in process with the Radiological Field Programs (RFP) group. The QA review of this requisition yielded a number of questions, including the justification for commercial grade use, which is still awaiting response and resolution.~~

C. ~~REMEDIAL ACTION:~~

~~None. No real deficiency since the PR is in process. RFP is in the process of incorporating the resolution to QA comments into PR 5602921.~~

D. ~~CORRECTIVE ACTION TO PREVENT RECURRENCE:~~

~~N/A; This requisition has never been approved to date.~~

SEE AMENDED RESPONSE ON NEXT PAGE *Kent B. Johnson* 1/23/91

CORRECTIVE ACTION FOR DEFICIENT CONDITION NO. 2

A. ~~EXTENT OF DEFICIENCY: N/A~~

B. ~~ROOT CAUSE:~~

~~Utilization of SP 1.43 was not adequately addressed by the implementing procurement procedure SP 1.28 to cross reference reviews for commercial grade justification.~~

C. ~~REMEDIAL ACTION:~~

~~Justifications for commercial grade items specific to PRs 5544376 and 5591128 have been re-reviewed, signed and dated by the APM. In addition, all requisitions for quality affecting items and commercial grade items issued since the effective date of SP 1.43, 8-10-90, have been reviewed and the following actions have taken place:~~

~~PRs 5581035, 5591110, 5515997 and 5602931 will require the signed commercial grade justification attachment detailed in SP 1.43. These have been completed and filed with the PRs.~~

D. ~~CORRECTIVE ACTION TO PREVENT RECURRENCE:~~

~~SP 1.43 has since been canceled as of 11/20/90 and the appropriate review requirements of commercial grade justification have been incorporated into SP 1.28. This assures that the justification for use of commercial grade items are a normal and regular part of the procurement process.~~

RESPONSE APPROVED:

Kent B. Johnson
Responsible Manager

12/27/90
Date

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

CAR NO. YM-91-013
DATE: 1/14/91
SHEET: 3 OF 5

CORRECTIVE ACTION REQUEST
(continuation sheet)

AMENDED RESPONSE, REVISION 1

CORRECTIVE ACTION FOR CONDITION NO. 1

A. EXTENT OF DEFICIENCY: N/A

B. ROOT CAUSE: ~~No Change~~ See Condition No. 2, Item B

C. REMEDIAL ACTION:

The PR is still in process. RFP Department is in the process of revising PR 5602921. Approved justification for commercial grade will be provided and added prior to completion of the procurement package.

D. CORRECTIVE ACTION TO PREVENT RECURRENCE:

See Condition No. 2, Item D.

CORRECTIVE ACTION FOR CONDITION NO. 2

No changes or addition to the stated response.

RESPONSE APPROVED: 
Responsible Manager

1-14-91
Date

RESPONSE ACCEPTED 
JAR

1/23/91
Date

RESPONSE ACCEPTED 
OQA

1-23-91
Date

Ltr dtd 1/16/91 - L 91-073

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

CAR NO. YM-91-013

DATE: 1/31/91

SHEET: 4 OF 5

CORRECTIVE ACTION REQUEST
(continuation sheet)

15. VERIFICATION OF CORRECTIVE ACTION

- CONDITION #1 -

- G.) REVIEWED PR #5602921 AND FOUND THAT COMMERCIAL GRADE JUSTIFICATION WAS PROVIDED ON 1/9/91, AND WAS APPROVED BY M. HARRIS FOR D. CHANDLER (APM).

- CONDITION #2 -

- G.) REVIEWED PR #5544376 & 5591128 AND FOUND THAT COMMERCIAL GRADE JUSTIFICATION WAS PROVIDED FOR BOTH PACKAGES ON 12/26/90, AND WAS APPROVED BY D. CHANDLER (APM).

REVIEWED PR #5581035, 5591110, 5515997, & 5602931, AND 2 ADDITIONAL PRs - #5591121 & 5602935. THE FOLLOWING RESULTS AND ANOMALIES WERE DISCOVERED:

- | <u>PR #</u> | <u>RESULTS</u> |
|---|--|
| * 5581035, 5591110 & 5602931 | - COMMERCIAL GRADE JUSTIFICATION NOT PROVIDED; |
| * 5602935 & 5515997 | - COMMERCIAL GRADE JUSTIFICATION PROVIDED BUT NOT APPROVED; |
| 5591121 | - COMMERCIAL GRADE JUSTIFICATION PROVIDED & APPROVED BY D. CHANDLER ON 8/21/90. THIS PR IS ACCEPTABLE. |
| * THE ANOMALIES IDENTIFIED ON THE 5 PRs WERE IDENTIFIED TO TEMSS ON 1/24/91, FOR ADDITIONAL CORRECTIVE ACTION. THESE ACTIONS WERE VERIFIED AND FOUND ACCEPTABLE WITH THE FOLLOWING RESULTS: | |

- | <u>PR #</u> | <u>RESULTS</u> |
|-------------|---|
| 5581035 | - QA CLASSIFICATION CHANGED FROM COMMERCIAL GRADE TO 'NA' AND APPROVED BY TEMSS QA. |
| 5591110 | - VOIDED ON 1/30/91 (IN ACCORDANCE WITH SP 1.28 REV.3) |
| 5602931 | - JUSTIFICATION APPROVED BY D. CHANDLER (APM) ON 1/30/91. |
| 5602935 | - JUSTIFICATION APPROVED BY D. CHANDLER (APM) ON 1/28/91. |
| 5515997 | - JUSTIFICATION APPROVED BY D. CHANDLER (APM) ON 1/25/91. |

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

CAR NO. YM-91-013
DATE: 1/31/91
SHEET: 5 OF 6

CORRECTIVE ACTION REQUEST
(continuation sheet)

15. VERIFICATION OF CORRECTIVE ACTION (CONT.)

D.) SP 1.43 WAS CANCELLED ON 11/19/90.

ICN[#] 1 TO SP.1.28 REV.2 WAS ISSUED WITH AN EFFECTIVE DATE OF 11/19/90, AND ACCEPTABLY DELINEATED THE PROCESS AND REQUIREMENTS FOR PROCURING COMMERCIAL GRADE ITEMS.

NOTE: REVISION 3 TO SP 1.28 WAS ISSUED WITH AN EFFECTIVE DATE OF 1/10/91. THIS REVISION ACCEPTABLY INCORPORATES THE REQUIREMENTS OF ICN[#]1.

Kerley S. Tye 1/31/91