



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

WBS 1.2.9.3  
 QA

JAN 28 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-91-015 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION  
 (YMQAD) AUDIT 90-08

The YMQAD staff has verified the corrective action to CAR YM-91-015 and  
 determined the results to be satisfactory. As a result, the CAR is  
 considered closed.

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

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

YMQAD:CEH-1884

Enclosure:  
 YM-91-015

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

CA

9102040198 910128  
 PDR WASTE PDR  
 WM-11

ADD: Ken Hooks

102.7  
 Wim-11  
 NHD3

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

14CAR NO.: YM-91-015  
 DATE: 11/27/90  
 SHEET: 1 OF 25  
 QA 1/23/91  
 WBS No.: \_\_\_\_\_

**CORRECTIVE ACTION REQUEST**

1 Controlling Document SP 1.25, Revisions 1 and 2	2 Related Report No. Audit 90-08
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3 Responsible Organization SAIC	4 Discussed With J. Harper
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10 Response Due 12/27/90	11 Responsibility for Corrective Action J. Harper	12 Stop Work Order Y or N N
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5 Requirement:  
 SP 1.25, Revisions 1 and 2, Paragraph 5.5.2 states, "Complete the "Hold for Test" tag, Ref. Exhibit 7, and attach to item. Annotate the RIR remarks section to indicate "Hold for Test" tag attached."

6 Adverse Condition:  
 A review of Procurement Packages (i.e., #14-910056 and #14-910074) revealed that "Hold for Test" tags have not been utilized for items that have been received, inspected, and require testing. (Note: The inspector concurred that the tags had not been used.)

7 Recommended Action(s):  
 1. Identify those items that have been accepted and require "Hold for Test" tags. Apply the tags and annotate the RIR.  
 2. Re-emphasize the requirement to the inspectors.

8 Initiator K. L. Tyger <i>Kerby L. Tyger</i>	Date: <u>11/19/90</u>	9 Severity Level - 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	13 Approved By: OQA <i>James Blylock</i>	Date: <u>11/21/90</u>
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15 Verification of Corrective Action:  
 REFER TO PAGE 3 OF THIS CAR

16 Corrective Action Completed and Accepted: OAR <i>Kerby L. Tyger</i>	Date <u>1/23/91</u>	17 Closure Approved By: OQA <i>Catherine...</i>	<u>1-23-91</u>
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OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.

CAR NO. YM-91-015  
DATE: 12/27/90  
SHEET: 1 OF 15  
KT  
1/23/91

**CORRECTIVE ACTION REQUEST**  
(continuation sheet)

CORRECTIVE ACTION FOR DEFICIENT CONDITION

A. EXTENT OF DEFICIENCY: N/A

B. ROOT CAUSE: N/A

C. REMEDIAL ACTION:

All open procurement packages have been reviewed for cited deficiency. "Hold For Test" tags were prepared and affixed to the items listed below, and the RIRs appropriately annotated. The procedural process precludes closing packages until testing is complete.

ICN #1 to SP 1.25, Rev. 2, was issued on 11/19/90 to clarify when "Hold For Test" tags are required. All inspectors have read and understand the ICN.

<u>PURCHASE ORDER</u>	<u>ITEM NO.</u>
14-910056	S/N D86
14-910074	S/N-731020-D1
14-910074	S/N-731020-D2
14-910074	S/N-721020-D3
14-910074	S/N-721020-D4
14-910074	S/N-721020-D5
14-910085	S/N-401729

D. CORRECTIVE ACTION TO PREVENT RECURRENCE: N/A

RESPONSE APPROVED: Kent B. Johnson for J.B. Harper 12/27/90  
Responsible Manager Date

RESPONSE ACCEPTED Kelby L. Tye 1/10/91  
QAR Date

RESPONSE ACCEPTED Carole Harper 1/10/91  
QQA Date

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DATE: 1/23/91  
SHEET: 3 OF 5

**CORRECTIVE ACTION REQUEST**  
(continuation sheet)

15. VERIFICATION OF CORRECTIVE ACTION:

- 1.) THE RIRs FOR THE P.O.s LISTED IN "C" OF THE APPROVED RESPONSE WERE REVIEWED AND FOUND TO BE ACCEPTABLY ANNOTATED:

<u>P.O.#</u>	<u>DATE TAGS APPLIED</u>
14-910056	10/16/90 & 12/18/90
14-910074	10/18/90 & 12/19/90
14-910085	10/16/90 & 12/18/90

IN ADDITION OTHER P.O. PACKAGES WERE REVIEWED TO SEE IF RIRs WERE ANNOTATED FOR ITEMS THAT WERE RECEIVED AND REQUIRED POST INSTALLATION TESTING. THESE WERE ALSO FOUND ACCEPTABLE AS FOLLOWS:

<u>P.O.#</u>	<u>DATE TAGS APPLIED</u>
14-910065-65	12/11/90
14-910077	9/21/90
14-910116	1/22/91

- 2.) A REVIEW OF T&MS AUDIT REPORT # A91-01 (ATTRIBUTE #2 OF THE CHECKLIST FOR SP 1.25) IDENTIFIES ACCEPTABLE VERIFICATION BY THE AUDITOR ON 1/7/91, FOR APPLICATION OF "HOLD FOR TEST" TAGS TO THE ITEMS REFERENCED ON P.O. # 14-910056, 14-910074, AND 14-910085 (ALSO FOR P.O.s 14-910075 & 14-910101).
- 3.) ICN #1 TO SP 1.25 REV.2 WAS ISSUED WITH AN EFFECTIVE DATE OF 11/19/90. THE PROCEDURAL PROCESS NOW CLEARLY DELINEATES THE USE OF "HOLD FOR TEST" TAGS AND THAT "ACCEPT" TAGS ARE ONLY APPLIED AFTER ALL TESTS HAVE BEEN COMPLETED.

NOTE: REV. 3 OF SP 1.25 BECAME EFFECTIVE 1/8/91, AND ACCEPTABLY INCORPORATED THE REQUIREMENTS OF ICN #1 TO REV. 2.

- 4.) AT THE TIME OF THIS VERIFICATION T&MS HAD ONLY (CONT.)

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CAR NO. YM-91-015  
DATE: 1/23/91  
SHEET: 4 OF 5

**CORRECTIVE ACTION REQUEST**  
(continuation sheet)

15. VERIFICATION OF CORRECTIVE ACTION (CONT.)

(4) ONE INSPECTOR. HE COMPLETED HIS REQUIRED READING  
OF ICN #1 ON 11/26/90 (REFER TO PAGE 5 OF THIS CAR).

Kathy L. Suggs 1/23/91

