



DEPARTMENT OF ENERGY
Office of Civilian Radioactive Waste Management
Office of Geologic Disposal
Yucca Mountain Site Characterization Project Office
P.O. Box 98608
Las Vegas, NV 89193-8608

WBS 1.2.11
QA: N/A

DEC 17 1993

Les E. Shephard
Technical Project Officer
for Yucca Mountain
Site Characterization Project
Sandia National Laboratories
P.O. Box 5800
Organization 6302
Albuquerque, NM 87185

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION REQUEST
(CAR) YM-93-095 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
(YMQAD) AUDIT YMP-93-17 OF SANDIA NATIONAL LABORATORIES (SCP: N/A)

The YMQAD staff has verified the corrective action to CAR YM-93-095 and
determined the results to be satisfactory. As a result, the CAR is
considered closed.

If you have any questions, please contact either Robert B. Constable at
(702) 794-7945 or Kenneth T. McFall at (702) 794-7280.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1255

Enclosure:
CAR YM-93-095

cc w/encl:

K. R. Hooks, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
R. R. Richards, SNL, 6319, Albuquerque, NM
F. J. Schelling, SNL, Las Vegas, NV
J. H. Hines, OQD, AL

cc w/o encl:

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

*Add: Ken Hooks
NH03
WM-11
102-7*

9312290115 931217
PDR WASTE
WM-11

PDR

ORIGINAL
THIS IS A RED STAMP

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

8 CAR NO.: YM-93-095
DATE: 9-24-93
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document Qaip 2-5, Revision 01		2 Related Report No. YMP-93-17	
3 Responsible Organization J. F. T. Agapito/SNL		4 Discussed With C. Brechtel	
5 Requirement: Qaip 2-5, Revision 01, Section 5.1, "Orientation and Training", Step 5, "NOTE": States, "Indoctrination and training for a specified task must be completed prior to performing the task."			
6 Adverse Condition: Contrary to the above requirement, there is no documented evidence that J. F. T. Agapito has been trained to 7 of the procedures listed in Work Agreement "WA-0065", Specifically: Qaip 1-3, Revision 01 Qaip 1-4, Revision 00 Qaip 1-5, Revision 04 Qaip 2-10, Revision 01 Qaip 6-1, Revision 00 Qaip 16-1, Revision 01 Qaip 17-1, Revision 00 Additionally, training of J. F. T. Agapito personnel to SNL procedures occurred after the effective date, although implementation started with the effective date. EXAMPLE: S. Carlisle was trained to Qaip 20-02 on 5/24/93 while implementation began on the effective date, 4/9/93.			
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 checked="" type="checkbox"/> Extent of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
13 Recommended Actions: It is recommended that SNL investigate their other contractors in addition to J. F. T. Agapito to determine the adequacy of their training to the procedures listed in the appropriate Work Agreements.			
7 Initiator <i>Kenneth T. McFall</i> Kenneth T. McFall Date <u>9-24-93</u>		14 Issuance Approved by: QADD <i>A.C. Spence</i> Date <u>9/28/93</u>	
15 Response Accepted QAR <i>Kenneth T. McFall</i> Date <u>11/15/93</u>		16 Response Accepted QADD <i>A.C. Spence</i> Date <u>11/18/93</u>	
17 Amended Response Accepted QAR _____ Date _____		18 Amended Response Accepted QADD _____ Date _____	
19 Corrective Actions Verified QAR <i>Kenneth T. McFall</i> Date <u>12/15/93</u>		20 Closure Approved by: QADD <i>A.C. Spence</i> Date <u>12/17/93</u>	

ENCLOSURE

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

CAR NO. YM 93-095
DATE: _____
SHEET: _____ OF _____

CORRECTIVE ACTION REQUEST
(continuation sheet)

CORRECTIVE ACTION RESPONSE

Corrective Action for Deficient Condition

A. Extent of Deficiency

Work Agreement 0065 (WA-0065) lists all the procedures to be used for the work, but not all personnel working under the WA need to be trained to all the procedures that are listed. In general, the procedures which personnel from J.F.T. Agapito and Associates have not been trained to are procedures that they do not need follow. They are listed because SNL personnel will follow them, and have been trained to them.

- Specifically, QAIP 1-3, QAIP 1-4, QAIP 1-5, QAIP 2-10, QAIP 6-1, and QAIP 17-1 exclude contract personnel from their scope.
- The lack of training on QAIP 16-1 had no adverse effect on quality because personnel from J.F.T. Agapito and Associates worked in close conjunction with and under the close supervision of SNL personnel, who had been trained and were knowledgeable about this QAIP.

S. Carlisle was under close supervision and was familiar with QAIP 20-2 from inception of the work conducted under WA-0065. In addition, he had been trained on the predecessor procedure, to QAIP 11-2 which, in fact, included more controls than QAIP 20-2. As a result, no adverse effect on quality occurred.

B. Root Cause Determination (Not required for this CAR.)

C. Remedial Action

WA-0065 will be revised to specify the procedures that each of the suppliers listed in the WA need to follow. This will be done by John Pott, 6313, by November 5, 1993.

Because documentation exists to show S. Carlisle was trained to QAIP 20-2, no additional remedial action is needed.

D. Corrective Action to Prevent Recurrence

It is evident from the way that QA-related information is conveyed in WA-0065 (as well as in other Work Agreements that have been evaluated) that lack of clarity exists concerning what QA Implementing Procedures are intended for use by the "supplier," versus Sandia, or the "customer." Therefore, the procedure for work agreements, QAIP 1-5, will be revised so that future work agreements will specify the procedures that each of the suppliers listed in the WA need to follow. In addition, QAIP 1-5 will specify a person responsible for checking that the suppliers have been trained to the procedures listed in a WA, prior to initiation of work governed by that WA.

Str dtd 10/28/93 - Shehler to Speare

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WASHINGTON, D.C.

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DATE: _____
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CORRECTIVE ACTION REQUEST
(continuation sheet)

E. Completion Dates

Action C by 11/5/93.
Action D by 12/15/93.

Response Approved: _____

J. Paul
for TPO, SNL YMP

Oct 26, 1993
Date

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WASHINGTON, D.C.

CAR NO. _____
DATE: _____
PAGE: _____ OF _____
QA

CORRECTIVE ACTION REQUEST (Continuation Page)

Verification of CAR YM-03-095

On 12/14/93 R. Richard of SNL QA faxed copies of documentation needed for the verification of corrective action and closure of this car. The documentation included the following:

1. Revision 2 of Work Agreement 0065 involving J. F. T. Agapito, dated 11/15/93.
2. Revision 5 of SNL QAIP 1-5, "Establishing Work Agreements", effective date 12/21/93.

These 2 documents contained the changes committed to in the accepted response to this CAR. CAR YM-93-095 is considered closed.


Kenneth T. Mc Fall


Date