



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

WBS 1.2.9.3
 QA

DEC 10 1991

Richard L. Bullock
 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-91-069 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
 (YMQAD) AUDIT YMP-91-04 OF RAYTHEON SERVICES NEVADA

The YMQAD staff has verified the corrective action to CAR YM-91-069 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
 794-7945 or John S. Martin at 794-7881.

Richard E. Spence

Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-1150

Enclosure:
 CAR YM-91-069

cc w/encl:
 K. R. Hooks, NRC, Washington, DC
 S. W. Zimmerman, NWPO, Carson City, NV
 M. J. Regenda, RSN, Las Vegas, NV

cc w/o encl:
 J. W. Gilray, NRC, Las Vegas, NV
 N. J. Brogan, SAIC, Las Vegas, NV, 517/T-08

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 PDR WASTE
 WM-11 PDR

YMP-5

ADD: Ken Hooks

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

14CAR NO.: YM-91-069
DATE: 08/08/91
SHEET: 1 OF 1
QA
WBS No.: 1.2.9.3

CORRECTIVE ACTION REQUEST

1 Controlling Document RSN QAPD-002, Rev. 0		2 Related Report No. Audit YMP-91-04	
3 Responsible Organization RSN		4 Discussed With R.L. Bullock & J.L. Rue	
10 Response Due 20 days from issue	11 Responsibility for Corrective Action R.L. Bullock	12 Stop Work Order Y or N No	
5 Requirement: QAPD-002, Rev. 0, Para. 2.2.12, "Personnel Selection, Indoctrination and Training," states in part, "Management and Supervisory personnel determine the extent and need of training for personnel based on the scope, competency and nature of the activity and on education, experience and proficiency of the person."			
6 Adverse Condition: Contrary to the above Project Procedure PP-02-01, Rev. 0, "Indoctrination and Training," Para. 6.1.1. states in part, "... Assignments may be identified by Managers/Line Supervisors." DISCUSSION During the course of this audit it was found that training requirements were established by the Training Coordinator for personnel involved in activities affecting quality without input from Managers/Supervisors. As was stated in interviews, the methodology employed in establishing the training requirements was accomplished by a review of old H&N and FSN procedures against the procedures issued by RSN. As a result, Managers/Supervisors have had no direct input into training requirements for those individuals assigned to them as required by the RSN QAPD. In review of PP-02-01, Rev. 0, it was found that the procedure indicated that Managers/Supervisors may provide input to personnel for which they are responsible. To comply with the RSN QAPD, the word "may" should read "shall."			
7 Recommended Action(s): Correct the deficiency identified. Investigate to determine if there are other similar deficiencies. Take action to prevent recurrence.			
8 Initiator J.S. Martin	Date: 08/08/91	9 Severity Level - 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/>	13 Approved By: Date: OQA <u>Catherine Thompson</u> <u>8-12-91</u>
15 Verification of Corrective Action: Verified that procedure PP-02-01, Revision 0 was revised as committed - change was initiated through Procedure Interim Change (PIC) Number 2 and found to meet all commitments. <u>J.S. Martin - 12-3-91</u> <u>J.S. Martin</u>			
16 Corrective Action Completed and Accepted: OAR <u>J.S. Martin</u> Date <u>12-4-91</u>		17 Closure Approved By: OQA <u>R.C. Spence</u> <u>12/9/91</u>	

OFFICE OF CIVILIAN
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DATE 9/11/91
SHEET 1 OF 1

CORRECTIVE ACTION REQUEST
(continuation sheet)

A. Extent of Deficiency

This is not a valid deficiency due to the reasons given below.

The training assignments for line organization personnel were made based on a systematic analysis of the procedures done by the Systems Engineering Manager, the Senior Quality Engineering Coordinator and the Training Coordinator collectively. The matrices were then sent to the department managers for review, editing, and/or concurrence. This has been and will continue to be done on a quarterly basis and as needed for new employees and matrixed personnel.

The training assignments for Quality Assurance Department personnel are contained in Quality Assurance Procedure QAP-2.2(Y) which is approved by the Manager, Quality Assurance YMP. Additional assignments are made by memo or letter from the Manager, Quality Assurance YMP.

The evidence is on file of training assignments that were made or concurred with by managers on the YMP.

B. Root Cause

N/A

C. Remedial Action

N/A

D. Corrective Action to Prevent Recurrence

N/A

Response Approved:

Randolph L. Shriver

Date: 9/11/91

Response Accepted:

QAR

Date

Response Accepted:

OQA

Date

See doc. 9/11/91 - RSN - YMP-1188

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

CAR NO. YM-91-069
DATE October 17, 1991
SHEET 1 OF 1

CORRECTIVE ACTION REQUEST
(continuation sheet)

AMENDED RESPONSE

Item 2. Section 6.1.1 of PP-0201, Revision 0, Indoctrination and Training will be revised to indicate that Management and Supervisory personnel shall determine the training of Raytheon personnel. This action will be completed by November 30, 1991.

RESPONSE APPROVED: *Joseph C. Coleman* DATE 10/17/91

Response Accepted: *John S. [unclear]* 10-18-91
QAR Date

Response Accepted: *R.E. Spence* 10/24/91
QQA Date

YMP-063-R0
10/15/91

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT
PROCEDURE COMPLIANCE DOCUMENTATION FORM

I have read, and understood and complied with Document 16.1, Rev 3 ICN# -
in accomplishing my responsibilities in this procedure.

Signature *Joh S. Martin* Name (Printed) JOHN S. MARTIN

Title Corrective Action Requests Date 10-18-91

I have read, and understood and complied with Document QAAP 16.1, Rev 3 ICN# N/A
in accomplishing my responsibilities in this procedure.

Signature *R.C. Spence* Name (Printed) Richard Spence

Title YMQADD Date 10/25/91

I have read, and understood and complied with Document 16.1, Rev 4 ICN# -
in accomplishing my responsibilities in this procedure.

Signature *Joh S. Martin* Name (Printed) John S. Martin

Title QAR Date 12-4-91

I have read, and understood and complied with Document QAAP 16.1, Rev 4 ICN# N/A
in accomplishing my responsibilities in this procedure.

Signature *R.C. Spence* Name (Printed) Richard Spence

Title Director YMQAD Date 12/9/91

I have read, and understood and complied with Document _____, Rev _____ ICN# _____
in accomplishing my responsibilities in this procedure.

Signature _____ Name (Printed) _____

Title _____ Date _____

I have read, and understood and complied with Document _____, Rev _____ ICN# _____
in accomplishing my responsibilities in this procedure.

Signature _____ Name (Printed) _____

Title _____ Date _____