



Department of Energy  
Yucca Mountain Site Characterization  
Project Office  
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WBS 1.2.9.3

OCT 28 1992

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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-92-051 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION  
(YMQAD) AUDIT YMP-92-18 OF RAYTHEON SERVICES NEVADA

The YMQAD staff has verified the corrective action to CAR YM-92-051 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 Gerard Heaney at 794-7826.

*Robert B. Constable*

Richard E. Spence, Director  
Yucca Mountain Quality Assurance Division

YMQAD:RBC-631

Enclosure:  
CAR YM-92-051

cc w/encl:

~~Ken R. Hooks~~, NRC, Washington, DC  
S. W. Zimmerman, NWPO, Carson City, NV  
M. J. Regenda, RSN, Las Vegas, NV  
J. H. Rusk, MACTEC, Las Vegas, NV  
W. B. Simecka, YMP, NV

cc w/o encl:

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

9211030319 921028  
PDR WASTE  
WM-11 PDR

IMP-5

ADD: Ken Hooks

Let. Encl.

102.7  
WM-11  
NRC-3

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

8 CAR NO. YM-92-051  
DATE: 6/26/92  
SHEET: 1 OF 1  
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document  
AP 3.5Q

2 Related Report No.  
Audit 92-18

3 Responsible Organization  
RSN

4 Discussed With  
H. Booth

5 Requirement:

AP 3.5Q "Field Change Control Process" Rev 1, Para. 5.0, Step 7 states "Sign Section II (of the FCR), and attach the evaluation, sketches, or other appropriate supporting documentation to complete the FCR."

6 Adverse Condition:

RSN procedure PP-03-23 "Field Change Control Process," Rev. 0, does not address the fact that internal participant evaluation checklists used for evaluation of FCRs must be attached to FCRs and submitted to the FCCB. RSN internal evaluation checklists have not been submitted to the FCCB to date.

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 days from  
issuance.

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

13 Recommended Actions:

7 Initiator  
G. Heaney G. Heaney Date 7-1-92

14 Issuance Approved by:  
QADD R.C. Place Date 7/6/92

15 Response Accepted  
QAR Date

16 Response Accepted  
QADD Date

17 Amended Response Accepted  
QAR G. Heaney Date 9-18-92

18 Amended Response Accepted  
QADD R.C. Place Date 9/23/92

19 Corrective Actions Verified  
QAR G. Heaney Date 10-23-92

20 Closure Approved by:  
QADD R.C. Place Date 10-27-92

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

CAR NO. YN-92-051  
DATE 08-04-92  
PAGE 1 OF 1  
QA

**CORRECTIVE ACTION REQUEST (Continuation Page)**

- A. Remedial  
The FCRs that have not been closed shall be reviewed and the ones that do not have the internal participant evaluation checklist shall have these amended to the FCR. This shall be completed within 15 working days after the completion of the investigation.
- B. Extent of Deficiency  
In a preliminary investigation it has been determined that some of the FCRs have the checklist and some do not. To remedy the deficiency each FCR that has been issued shall be reviewed and a determination made if it requires the checklist. The evaluation shall be completed by 8/31/92.
- C. Preclude Recurrence  
The procedure is under evaluation to determine if it is explicit and understandable. After the evaluation the appropriate personnel shall have the appropriate training. The training should be completed by 8/31/92.

Response Approved:

  
for Responsible Manager  
Randolph L. Schreiner

Date:

8/4/92

8-4-92

RSN-YHP-1367

AMENDED RESPONSE TO CORRECTIVE ACTION REQUEST YM-92-051 FROM AUDIT YMP-92-18

A. REMEDIAL

All FCRs shall be reviewed and the evaluation checklist prepared for the FCRs lacking one. This CAR is also amended in that the completion dates for all identified activities has been changed to September 30, 1992. This is a result of the additional work because of the amended response and the response date of the DOE letter YMQAD:RBC-5365 of September 3, 1992.

Amended Response Approved: *Garth L. Lewis* Date: *9/15/92*  
Responsible Manager

*Ltr dtd 9/16/92 - RSN - YMP - 1397*

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CAR NO. YM-92-051  
DATE: 10/23/92  
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**CORRECTIVE ACTION REQUEST (Continuation Page)**

The following corrective actions were verified to be completed:

1. Procedure PP-03-23, "Field Change Control Process," Revision 0, has been revised by Procedure Interim Change No. 1 to address AP-3.5Q requirements.
2. Training records for the following personnel involved with the FCR process were reviewed to ensure training to the PIC was completed:  
  
Lee Watson  
Bob Houde  
Scott Loftfield  
Randy Schreiner
3. An investigation was conducted and RSN Internal Participant Evaluation Checklists were generated, where required. However, several of the checklists had not been received by the Field Change Control Board (FCCB) Secretary for incorporation into the FCR record packages. CAR No. YM-93-001 was generated during YMPO Audit YMP-92-24 for several participants not submitting technical evaluation checklists to the FCCB.

This CAR will be closed and the verification of those additional checklists will be by CAR YM-93-001.

Gerard Heaney  
Gerard Heaney

Date: 10-23-92