



Department of Energy  
 Yucca Mountain Site Characterization  
 Project Office  
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WBS 1.2.9.3

MAR 10 1992

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VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION REQUEST  
 (CAR) YM-92-002 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION  
 (YMQAD) AUDIT YMP-92-01 OF LOS ALAMOS NATIONAL LABORATORY

The YMQAD staff has verified the corrective action to CAR YM-92-002 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 FTS 544-7945, or John S. Martin at (702) 794-7881 or FTS 544-7881.

*R. E. Spence*

Richard E. Spence, Director  
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-2351

Enclosure:  
 CAR YM-92-002

cc w/encl:

- K. R. Hooks, NRC, Washington, DC
- S. W. Zimmerman, NWFO, Carson City, NV
- S. L. Bolivar, LANL, Los Alamos, NM
- M. J. Clevenger, LANL, Los Alamos, NM
- J. L. Day, LATA, Los Alamos, NM

cc w/o encl:

- J. R. Tillman, LAAO
- J. H. Hines, OOD, AL
- A. R. Chernoff, MSD, AL
- J. W. Gilray, NRC, Las Vegas, NV
- N. J. Brogan, SAIC, Las Vegas, NV, 517/T-12

YMP-5

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 PDR WASTE PDR  
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ADD: Ken Hooks Ltr. Encl.  
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OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.

14CAR NO.: YM-92-002  
DATE: 10/09/91  
SHEET: 1 OF 2  
QA  
WBS No.: 1.2.9.3

CORRECTIVE ACTION REQUEST

1 Controlling Document  
TWS-QAS-QP-08.1, Rev. 1

2 Related Report No.  
Audit YMP-92-01

3 Responsible Organization  
Los Alamos Nat'l. Lab.

4 Discussed With  
S. Bolivar

10 Response Due  
20 days from issue

11 Responsibility for Corrective Action  
R. Herbst

12 Stop Work Order Y or N  
No

5 Requirement:  
TWS-QAS-QP-08.1, Rev. 1, Para. 6.4, states in part, "...If samples are shipped by the SMF, the PI determines that the mannner utilized will not degrade the samples and will record such in a notebook."

6 Adverse Condition:  
No objective evidence could be produced to demonstrate implementation of the requirement to document that the manner utilized to ship samples from the SMF will not degrade the samples.  
  
DISCUSSION  
Examples of samples received from the SMF for which this requirement has not been documented are core samples Nos. 0016408, 0016409, 0016410, and 0016412.

7 Recommended Action(s):  
1. Take action to correct the deficiencies identified.  
2. Investigate to determine if there are other similar deficiencies.  
3. Take action to preclude recurrence.

8 Initiator J.S. Martin Date: 10/4/91

9 Severity Level -  
1  2  3

13 Approved By: [Signature] Date: 10/15/91  
OQA

15 Verification of Corrective Action:  
Reviewed LANS-YMP-QP-08.1, Rev. 2. Paragraph 6.4 has been revised as comitted to delete notation in notebook. No further action is required and this CAR is considered closed.

16 Corrective Action Completed and Accepted:  
OAR [Signature] Date 2-4-92

17 Closure Approved By:  
OQA [Signature] 3/9/92

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

CAR NO. \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 SHEET: \_\_\_\_\_ OF \_\_\_\_\_

**CORRECTIVE ACTION REQUEST**  
 (continuation sheet)

CORRECTIVE ACTION RESPONSE FOR CAR NO. YM-92-002

Page 1 of 1

A. Extent of Deficiency:

N/A

B. Root Cause:

Ambiguous procedural requirement.

C. Remedial Action:

None required.

Quality of the samples has not been compromised by not having the PI specifically write, "the manner utilized to ship samples from the SMF did not degrade the samples," in their laboratory notebook.

The intent of the subject requirement is to document receipt of SMF samples and if the samples are degraded, document such in a laboratory notebook, inform the SMF of the problem, and return the samples.

The PI contends that compliance to subject requirement is accomplished by documenting sample receipt. By documenting sample receipt, the manner utilized must be acceptable. Otherwise, a notation would be made in the notebook and the SMF notified.

D. Corrective Action to Prevent Recurrence:

Subject procedural requirement will be deleted from the procedure. Draft of revised subject procedure will be issued for review by December 31, 1991.

Response Approved	<u>SC Boliyar</u> LANL QAPL S.L. Boliyar	<u>11/8/91</u> DATE
Response Approved	<u>R. J. Herbst</u> LANL TPO R. J. Herbst	<u>11/8/91</u> DATE
Response Approved	_____ QAR	_____ DATE
Response Approved	_____ YMQAD	_____ DATE

*Its dtd 11/8/91 - TWS-EES-13-11-91-032*

SEE AMENDED RESPONSE