



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 17 1991

Richard J. Herbst
Technical Project Officer
for Yucca Mountain
Site Characterization Project
Los Alamos National Laboratory
University of California
N-5, Mail Stop J521
P.O. Box 1663
Los Alamos, NM 87545

EVALUATION OF AMENDED RESPONSE TO 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 evaluated the amended response to CAR YM-92-002. The response has been determined to be satisfactory. Verification of completion of the corrective action will be performed after the effective date provided. Any extension to this date must be requested in writing with appropriate justification prior to the date. Please send a copy of extension requests to Nita Brogan, Science Applications International Corporation, Las Vegas, Nevada.

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.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1301

Enclosure:
CAR YM-92-002

9112270106 911217
PDR WASTE
WM-11 PDR

YMP-5

ADD: Ken Hooks Ltr. Encl.
/ /

102-7
WM-11
NH03

ORIGINAL
THIS IS A RED STAMP

**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 1

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 YMF-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 *JS*
J.S. Martin
John

Date:
10/4/91

9 Severity Level -
1 ☐ 2 ☒ 3 ☐

13 Approved By:

OQA

Date:

10/15/91

15 Verification of Corrective Action:

16 Corrective Action Completed and Accepted:

QAR _____ Date _____

17 Closure Approved By:

OQA _____

ENCLOSURE

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

SCB
LANL QAPL S.I. Boliyar

11/8/91
DATE

Response Approved

R. J. Herbst
LANL TPO R. J. Herbst

11/8/91
DATE

Response Approved

QAR

DATE

Response Approved

YMQAD

DATE

Sta del 11/8/91-TWS-EES-13-11-91-032

SEE AMENDED RESPONSE

YMP-063-R0
10/15/91

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT
PROCEDURE COMPLIANCE DOCUMENTATION FORM

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.E. Spence* Name (Printed) Richard E. Spence

Title Director, Yucca Mountain Quality Assurance Division Date 10/15/91

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

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

Title QA Date 12-11-91

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.E. Spence* Name (Printed) Richard E. Spence

Title Director YMQAD Date 12/17/91

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 _____

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

Signature _____ Name (Printed) _____

Title _____ Date _____

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. The revised subject procedure will be issued by February 28, 1992.

Response Approved	<u>Stephen L Bolivar</u> LANL QAPL S.L. Bolivar	<u>11/28/91</u> DATE
Response Approved	<u>R. J. Herbst</u> LANL TPO R. J. Herbst	<u>12/2/91</u> DATE
Accepted Response Approved <u>6-11-91</u>	<u>[Signature]</u> QAR	<u>12-11-91</u> DATE
Response Approved	<u>[Signature]</u> YMQAD	<u>12/17/91</u> DATE

Str dtd 11/27/91 - TWS - EES - 13 - 11-91-059

Richard J. Herbst

-2-

DEC 17 1991

cc w/encl:

K. R. Hooks, NRC, Washington, DC ~~XXXXXXXXXX~~
S. W. Zimmerman, NWPO, 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. B. Tillman, LAAO
J. H. Hines, OGD, AL
A. R. Chernoff, MSD, AL
J. W. Gilray, NRC, Las Vegas, NV
N. J. Brogan, SAIC, Las Vegas, NV, 517/T-08