



**Department of Energy**  
Office of Civilian Radioactive Waste Management  
Yucca Mountain Site Characterization Office  
P.O. Box 98608  
Las Vegas, NV 89193-8608

**MAY 16 1996**

Wesley E. Barnes, Project Manager, YMSCO, NV  
ATTN: James R. Compton, AMSL, YMSCO, NV

EVALUATION OF RESPONSE TO DEFICIENCY REPORT (DR) YMQAD-96-D047  
RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION'S (YMQAD)  
AUDIT YM-ARP-96-08 (SCPB: N/A)

The YMQAD staff has evaluated the response to DR YMQAD-96-D047. 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 Deborah Sult, YMQAD/QATSS, P.O. Box 98608, mail stop 455, Las Vegas, Nevada 89193-8608.

If you have any questions, please contact either Robert B. Constable at 794-5580 or Franklin B. Smith at 794-1329.

Richard E. Spence, Director  
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1746

Enclosure:  
DR YMQAD-96-D047

cc w/encl:

J. G. Spraul, NRC, Washington, DC  
S. W. Zimmerman, NWPO, Carson City, NV  
P. A. Pytel, M&O, Las Vegas, NV  
D. S. White, M&O, Vienna, VA  
E. R. Cooper, YMSCO, NV  
Records Processing Center

cc w/o encl:

W. L. Belke, NRC, Las Vegas, NV  
F. B. Smith, YMQAD/QATSS, Las Vegas, NV  
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

210088

9605210425 960516  
PDR WASTE  
WM-11

PDR

YMP-5

102.7  
WM-11

NH03%

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

8 ☐ Performance Report  
☒ Deficiency Report  
 NO. YMQAD-96-D047  
 PAGE 1 OF 3  
 QA: L

**PERFORMANCE/DEFICIENCY REPORT**

1 Controlling Document:  
YLP-2.1Q-YMSCO, Rev. 1, ICN 2

2 Related Report No.  
Audit No. YM-ARP-96-08

3 Responsible Organization:  
YMSCO

4 Discussed With:  
Judy Justice, Sandy Rouse

5 Requirement/Measurement Criteria:

5.3.2 The Employee:

5.3.2c) completes Required Self-Study Assignment, or attends scheduled formal instruction, briefing, or OJT and completes associated documentation, as applicable, by the assigned completion date;

5.3.2d) transmits completed Required Self-Study Assignment to Training Department if completed by the effective date...; or

5.3.2e) transmits completed Required Self-Study Assignment to Supervisor if completed after the effective date....

5.3.3 The Supervisor:

5.3.3c) transmits completed Required Self-Study Assignment to Training Officer.

5.3.4 The Training Officer:

files documentation indicating completion of training in training files.

6 Description of Condition:

Contrary to the above requirements, as of March 20, 1996, the records of training for the below listed individuals do not include evidence of completion of Required Self-Study Assignment forms for YAP-2.6Q, Rev. 1, ICN 1 and YAP-3.5Q, Rev. 1. These individuals listed were identified as requiring maintenance of proficiency in the indicated procedures as identified on their respective Training Assignment form (YMP-027-R7).

See continuation form for the list of individuals discussed above.

7 Initiator

*F. B. (Pete) Smith*  
F. B. (Pete) Smith

Date 03/25/96

9 QA Review

*F. B. (Pete) Smith*  
QAR F. B. (Pete) Smith

Date 03/26/96

10 Response Due Date

20 working days from issuance

11 QA Issuance Approval

*[Signature]*  
QAR (PRI)/AOQAM (ORI)

Date 3-28-96

12 Remedial Actions:

13 Remedial Action Response By:

*SEE RESPONSE*

Date

14 Remedial Action Due Date

*SEE RESPONSE*

Date

15 Remedial Action Response Acceptance

QAR

*F. B. (Pete) Smith*

Date

5/7/96

16 PR Verification/Closure

QAR

*N/A*

Date

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

8  
DR NO. YMQAD-96-D047  
PAGE 2 OF 3  
QA: L

**DEFICIENCY REPORT**

**17 Recommended Actions:**

1. Determine the full extent of this condition with respect to YAP-2.6Q and YAP-3.5Q.
2. For those individuals identified on this deficiency and those identified from number 1. above; complete post-effective date Required Self-Study Assignment for those individuals requiring maintenance on YAP-2.6Q and YAP-3.5Q. As an alternative, revise the individual's Training Assignment to delete the requirement to maintain proficiency in YAP-2.6Q and YAP-3.5Q if they no longer work to these processes.
3. Review training files for other YMSCO procedures, determine the extent of the type condition (failure to maintain proficiency) identified and its impact.

**18 Investigative Actions:**

**19 Root Cause Determination:**

**20 Action to Preclude Recurrence:**

**21 Response by:**

Date

**22 Corrective Action Completion Due Date:**

**23 Response Accepted**

QAR

*F.B. (Pete) Smith*

Date

*5/7/96*

**24 Response Accepted**

AOQAM

*R.C. Spruce*

Date

*5/14/96*

**25 Amended Response Accepted**

QAR

Date

**26 Amended Response Accepted**

AOQAM

Date

**27 Corrective Actions Verified**

QAR

Date

**28 Closure Approved by:**

AOQAM

Date

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

8 ☐ Performance Report  
☒ Deficiency Report  
NO. YMQAD-96-D047  
PAGE 3 OF 3  
QA: L

PR/DR CONTINUATION PAGE

Block 6, Description of Condition continued:

YAP-2.6Q

R. A. Adams	J. B. Myers
J. Blaylock	T. H. Pysto
G. A. Fasano	R. C. Quittmeyer
L. D. Foust	K. J. Skipper
J. G. Gandi	E. T. Smistad
C. Johnson	
C. A. Matthews	
R. C. McDonald	

YAP-3.5Q

P. V. Auer	J. B. Meyers
E. L. Cross	J. Mukherjee
S. R. Dana	T. F. Myette
R. N. Datta	C. L. Pearce
E. F. Dembowski	R. C. Quittmeyer
T. W. Doering	T. B. Reynolds
J. R. Doyle	M. S. Rindskopf
H. K. Elder	W. D. Schutt
C. E. Ezra	T. R. Scotese
R. E. Flye	C. T. Statton
E. M. Gardiner	J. E. Therien
J. L. Gromny	M. E. Van Der Puy
K. A. Hodges	J. M. Walker
B. R. Justice	W. J. White
R. I. Law	W. A. Wilson
R. H. Levan	R. W. Wright
J. D. Lindsey	
G. W. Long	
R. L. Maudlin	
M. G. McDaniel	

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

8 ☐ Performance Report  
☒ Deficiency Report

NO. YMQAD-96-D047

PAGE

OF

QA: L

PR/DR CONTINUATION PAGE

12. REMEDIAL ACTIONS

The full extent of the condition for both YAP-2.6Q and YAP-3.5Q was investigated by the Training Department. Individuals identified on page 3, block 6, of this DR represent the full extent of the training maintenance deficiency for these two procedures. Second notices of employee training maintenance were sent to both the supervisor and the employee. Supervisors will determine impact to quality for each employees' work performance in accordance with YLP-2.1Q-YMSCO.3, Post Effective Evaluation for Required Self-Study Requirement. This will ensure identification of the full impact of the deficiency and remediation of any necessary re-work for items subject to QARD requirements.

13. REMEDIAL ACTION RESPONSE BY Russell J. Dyer DATE: April 29, 1996

14. REMEDIAL ACTION DUE DATE: May 31, 1996

18. INVESTIGATIVE ACTIONS:

YMSCO Training Department will review all notifications sent out as of January 1, 1996, to determine if this condition exists in other areas. If the condition is present, the process of correction will that as identified in block 12. This action is expected to be completed later that May 31, 1996.

*for 4/30/96*

19. ROOT CAUSE DETERMINATION: N/A

20. ACTION TO PREVENT RECURRENCE:

1. The Deputy Project Manager will review maintenance training responsibilities with the Managers/ Supervisors.
2. The Deputy Project Manager will review each AM's training maintenance system for the tracking of training completion to meet specified requirements of YLP-2.1Q-YMSCO.

Steps 1 and 2 of the above action to prevent recurrence will be completed by May 31, 1996.