



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

AUG 21 1996

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

**VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF DEFICIENCY REPORT  
 (DR) YM-96-D-047 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE  
 DIVISION'S (YMQAD) AUDIT YM-ARP-96-08**

The YMQAD staff has verified the corrective action to DR YM-96-D-047 and determined the results to be satisfactory. As a result, the DR is considered closed.

If you have any questions, please contact either Robert B. Constable at (702) 794-5580 or Franklin B. Smith at (702) 794-1329.

*Robert B Constable* \_\_\_\_\_

Richard E. Spence, Director  
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-2453

Enclosure:  
 DR YM-96-D-047

- cc w/encl:  
 J. G. Spraul, NRC, Washington, DC  
 S. W. Zimmerman, NWPO, Carson City, NV  
 P. A. Pytel, M&O, Las Vegas, NV  
 E. R. Cooper, YMSCO, NV  
 Records Processing Center

- cc w/o encl:  
 W. L. Belke, NRC, Las Vegas, NV  
 M. G. McDaniel, YMQAD/QATSS, Las Vegas, NV  
 D. G. Sult, YMQAD/QATSS, Las Vegas, NV  
 D. G. Horton, OQA, NV

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Add: J.G. SPRAUL

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

8  Performance Report  
 Deficiency Report

NO. YMQAD-96-D047

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**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 Response Approval

*[Signature]*  
QAR (PR)/AOQAM (DR)

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

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**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:**

*SEE RESPONSE*  
Date

**22 Corrective Action Completion Due Date:**

*SEE RESPONSE*

**23 Response Accepted**

QAR *A.B. (Pete) Smith* Date *5/7/96*

**24 Response Accepted**

AOQAM *A.C. Spence* Date *5/14/96*

**25 Amended Response Accepted**

QAR *N/A* Date

**26 Amended Response Accepted**

AOQAM *N/A* Date

**27 Corrective Actions Verified**

QAR *A.B. (Pete) Smith* Date *8/16/96*

**28 Closure Approved by:**

AOQAM *[Signature]* Date *08-20-96*

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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	

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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 ~~on~~ 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.

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CORRECTIVE ACTION VERIFICATION

DATED AUGUST 13, 1996

Verified that delinquent training identified in this deficiency and as a result of investigations triggered by this deficiency have been brought current for the following organizations.

AMSL  
AMA  
AMEFO  
YMQAD/QATSS  
OPA

The above YMSCO organizations were responsible for 15 delinquencies identified in Block 6 of this deficiency and 37 delinquencies identified during investigations mandated in Block 18 of this deficiency.

In addition, verified that the Deputy Project Manager reviewed each AM's training maintenance system for the tracking of training completion and maintenance training responsibilities with Managers and Supervisors as evidenced by the following memorandums.

J. R. Dyer memo to D. G. Horton dated May 31, 1996 and response dated June 17, 1996  
J. R. Dyer memo to R. L. Craun dated May 31, 1996 and response dated June 19, 1996  
J. R. Dyer memo to J. J. Adams dated May 31, 1996 and response dated June 20, 1996  
J. R. Dyer memo to S. J. Brocoun dated May 31, 1996 and response dated June 21, 1996  
J. R. Dyer memo to W. J. White dated May 31, 1996 and response dated June 21, 1996

Actions to disposition this deficiency within the M&O were unsatisfactory. As a result CAR YM-96-C-008 was issued. The issuance of this CAR and the satisfactory verification that the elements of this DR-047, as they pertain to YMSCO, have been dispositioned as specified in Blocks 18 and 20 of this DR; this deficiency is considered closed.

*Franklin D. Smith*  
8/15/96