



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

**MAR 13 1995**

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 Deputy Technical Project Officer  
 for Yucca Mountain  
 Site Characterization Project  
 Sandia National Laboratories  
 Bank of America Center  
 101 Convention Center Drive  
 Las Vegas, NV 89109

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION REQUEST (CAR) YM-94-092 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION (YMQAD) AUDIT YMP-94-09 OF SANDIA NATIONAL LABORATORIES (SCPB: N/A)

The YMQAD staff has verified the corrective action to CAR YM-94-092 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 Kenneth T. McFall at 794-7280.

Richard E. Spence, Director  
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-2459

Enclosure:  
 CAR YM-94-092

cc w/encl:  
~~J. G. Spraul~~, NRC, Washington, DC  
 S. W. Zimmerman, NWPO, Carson City, NV  
 R. R. Richards, SNL, Albuquerque, NM, M/S 1333  
 K. L. Boardman, AL

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

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

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**CORRECTIVE ACTION REQUEST**

1 Controlling Document QAIP 02-05, Revision 02		2 Related Report No. YMP-94-09	
3 Responsible Organization SNL		4 Discussed With R. Richards	
5 Requirement: QARD DOE/RW-0333P, Section 2.2.11.C. specifies that affected organization programs ensure that personnel are indoctrinated and trained to achieve initial proficiency, maintain proficiency, and adapt to changes. QAIP 02-05, Revision 02, Sections 5.3 and 5.4, Steps 1, state in part that the SNL YMP Manager determines what additional orientation and training is required to ensure that proficiency is maintained for changes in NBS assignment, procedures, responsibilities, positions, or technology.			
6 Adverse Condition: Contrary to the above requirements, no objective evidence could be found to demonstrate that individuals, performing work subject to QARD requirements, are evaluated to determine if changes in NBS assignments, procedures, responsibilities, positions or technology require additional training for the individuals to maintain proficiency.  Examples of failure to demonstrate any type of evaluation to determine maintenance of proficiency include:  <ul style="list-style-type: none"> <li>- Joe F. Schelling</li> <li>- Daniel J. Zimmerer</li> <li>- Ronald E. Price</li> <li>- William A. Olsson</li> </ul>			
9 Does a Significant Condition Adverse to Quality exist? Yes <u>  </u> No <u>X</u> If Yes, Check One: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E		10 Does a stop work condition exist? Yes <u>  </u> No <u>X</u> ; If Yes - Attach copy of SWO If Yes, Check One: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	
13 Response Due Date: 20 Working Days From Issuance			
11 Required Actions: <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Extent of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
12 Recommended Actions:			
7 Initiator <i>Kenneth McFall</i> James George <i>for</i> Date <i>9/8/94</i>		14 Issuance Approved by QADD <i>[Signature]</i> <i>for</i> Date <i>9.12.94</i>	
15 Response Accepted QAR <i>Kenneth McFall</i> Date <i>10/18/94</i>		16 Response Accepted QADD <i>[Signature]</i> <i>for</i> Date <i>10.20.94</i>	
17 Amended Response Accepted QAR <i>Kenneth McFall</i> Date <i>1-25-95</i>		18 Amended Response Accepted QADD <i>[Signature]</i> <i>for</i> Date <i>1.30.95</i>	
19 Corrective Actions Verified QAR <i>Kenneth McFall</i> Date <i>3/8/95</i>		20 Closure Approved by: QADD <i>[Signature]</i> <i>for</i> Date <i>3.10.95</i>	

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CORRECTIVE ACTION REQUEST (CONTINUATION PAGE)

Corrective Action Response for CAR # YM-94-092

A. Remedial Action:

QAIP 2-5 will be revised to specify the actions that each of the SNL YMP Managers listed in this CAR need to follow to obtain objective evidence of the training assessment. John Friend & Ruby Cochrell will issue the QAIP 2-5 by 01/15/94.

B. Extent of Deficiency

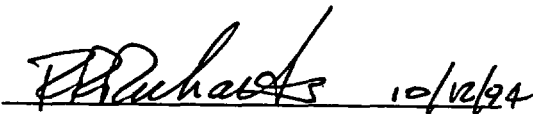
Because there is no procedure in place at this time to document the maintenance of proficiency, all personnel are affected. The impact of not providing documented evidence of proficiency maintenance has had no effect on quality.

D. Corrective Action to Preclude Recurrence

QAIP 2-5 will be rewritten to reflect the specific actions necessary for the SNL Manager to determine and document what additional orientation and training are required to ensure that proficiency is maintained for changes in WBS assignment, procedures, responsibilities, positions, or technology.

John Friend & Ruby Cochrell will issue the QAIP 2-5 by 01/15/94.

KTM 10/20/94

 10/12/94

L.E. Shephard

10/13/94 LTR. SHEPHARD TO SPENCE

**Amended Response CAR YM-94-092**

In the revision process, it was determined that it would be more appropriate to revise QAIP 2-6, Section 4.2, "Periodic Review".

**A. Remedial Action**

A Procedure Action Request will be completed to revise QAIP 2-6 which will specify the actions that each of the SNL YMP Managers listed in this CAR need to follow to provide a periodic review of personnel and determine training assignments. R. Cochrell will issue the PAR by 01/15/95.

**B. Extent of Deficiency**

Because there is no procedure in place at this time to document the maintenance of proficiency, all personnel are affected. The impact of not providing documented evidence of proficiency maintenance has had no effect on quality.

**D. Corrective Action to Preclude Recurrence**

A Procedure Action Request will be completed to revise QAIP 2-6 to address the actions necessary for periodic proficiency training evaluations for changes in WBS assignment, procedures, responsibilities, positions, or technology. In addition, QAIP 2-6 will be revised to include additional steps necessary to evaluate proficiency during the certification process. R. Cochrell will issue the PAR by 01/15/95.

**Amended Response CAR YM-94-092**

In the revision process, it was determined that it would be more appropriate to revise QAIP 2-6, Section 4.2, "Periodic Review".

**A. Remedial Action**

A revision will be completed to revise QAIP 2-6 which will specify the actions that each of the SNL YMP Managers listed in this CAR need to follow to provide a periodic review of personnel and determine training assignments. J. Friend will revise QAIP 2-6 by 02/28/95.

**B. Extent of Deficiency**

Because there is no procedure in place at this time to document the maintenance of proficiency, all personnel are affected. The impact of not providing documented evidence of proficiency maintenance has had no effect on quality.

**D. Corrective Action to Preclude Recurrence**

We will revise QAIP 2-6 to address the actions necessary for periodic proficiency training evaluations for changes in WBS assignment, procedures, responsibilities, positions, or technology. In addition, QAIP 2-6 will be revised to include additional steps necessary to evaluate proficiency during the certification process. J. Friend will revise QAIP 2-6 by 02/28/95.

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**CORRECTIVE ACTION REQUEST (CONTINUATION PAGE)**

VERIFICATION OF CORRECTIVE ACTION FOR CAR YM-94-092

On March 6, 1995, Sandia National Laboratories (SNL) faxed a copy of QAIP 2-6, Revision 03, "Qualification and Certification of Personnel." Paragraph 4.2, steps 1 and 3 and Appendix B include the requirements for evaluation and documentation of maintenance of proficiency. These requirements satisfy corrective action committed to by SNL in the CAR amended response. CAR YM-94-092 is now considered closed.

*Kenneth T. McFall*  
Kenneth T. McFall, QAR

3-8-95  
Date