



Department of Energy
Yucca Mountain Site Characterization
Project Office
P. O. Box 98608
Las Vegas, NV 89193-8608

WBS 1.2.11
QA: N/A

FEB 11 1993

Les E. Shephard
Technical Project Officer
for Yucca Mountain
Site Characterization Project
Sandia National Laboratories
P.O. Box 5800
Organization 6302
Albuquerque, NM 87185

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF CORRECTIVE ACTION REQUEST
(CAR) YM-92-072 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION
(YMQAD) AUDIT YMP-92-22 OF SANDIA NATIONAL LABORATORIES

The YMQAD staff has verified the corrective action to CAR YM-92-072 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 Kenneth T. McFall at (702) 794-7280.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-2489

Enclosure:
CAR YM-92-072

cc w/encl:

K. R. Hooks, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
R. R. Richards, SNL, 6319, Albuquerque, NM
R. L. Maudlin, MACTEC, Las Vegas, NV

cc w/o encl:

J. H. Hines, OGD, AL
J. W. Gilray, NRC, Las Vegas, NV
N. J. Brogan, SAIC, Las Vegas, NV

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ADD: Ken Hooks

UH. Encl.

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

8 CAR NO.: YM-92-072
DATE: 9-1-92
SHEET: 1 OF 1
QA

CORRECTIVE ACTION REQUEST

1 Controlling Document DOP 3-13, Revision C		2 Related Report No. Audit YMP-92-22	
3 Responsible Organization SNL		4 Discussed With Joe Jung	
5 Requirement: <p>Procedure DOP 3-13, Revision C, Paragraph 6.0, states in part "...the following QA records are placed by the author or resolver in the SNL NWRT Records Management System..."</p> <p>"...copies of the Document Review and Comment Form, RD-3, completed for the review plus any relevant marked-up document pages..."</p>			
6 Adverse Condition: <p>Contrary to the above requirements, the marked pages of the document reviewed (Rock Mass Mechanical Property Estimations for the Yucca Mountain Site Characterization Project, SAND92-0450) by J. Jung were not included in the review records package and cannot be located for verification of incorporation of accepted comments.</p>			
9 Does a significant condition adverse to quality exist? Yes___ No <u>X</u> If Yes, Circle One: A B C		10 Does a stop work condition exist? Yes___ No <u>X</u> ; If Yes - Attach copy of SWO If Yes, Circle One: A B C D	
		11 Response Due Date: 20 days after issue	
12 Required Actions: <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Extent of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
13 Recommended Actions: <p>SNL locate the reviewed pages and change procedure DOP 3-13 to allow for the differentiation between major and minor comments and the different methods for dealing with them.</p>			
7 Initiator Ken McFall <i>Ken McFall</i> Date <u>8/31/92</u>		14 Issuance Approved by: OADD <i>R.C. Spruce</i> Date <u>9/2/92</u>	
15 Response Accepted OAR <i>Ken McFall</i> Date <u>10/1/92</u>		16 Response Accepted OADD <i>R.C. Spruce</i> Date <u>10/6/92</u>	
17 Amended Response Accepted OAR _____ Date _____		18 Amended Response Accepted OADD _____ Date _____	
19 Corrective Actions Verified OAR <i>Ken McFall</i> Date <u>2/8/93</u>		20 Closure Approved by: OADD <i>R.C. Spruce</i> Date <u>2/10/93</u>	

**Response to CAR
YM-92-072**

1. Response

1A. Remedial Actions

A thorough search has shown that the marked-up pages are no longer available. Reference to this CAR has been made on the applicable DRC sheet.

1B. N/A this CAR

1C. N/A this CAR.

1D. Corrective Actions to Preclude Recurrence

SNL YMP QA Implementing Procedures will be revised to provide clear, concise requirements on the use and maintenance of DRCs, including the consideration being given to differentiation between major and minor comments.

2 Responsible Individual and Completion Date

Item 1A — Complete

Item 1D — J. C. Friend

Estimated completion date — December 24, 1992

3. Response Approved:

John T. Holmes
Manager, YMP Management Dept.

9/24/92
Date

VERIFICATION OF CORRECTIVE ACTION, REVIEWED QAIP 6-3, REVISION 00, "CONDUCTING AND DOCUMENTING REVIEWS OF DOCUMENTS", DATED ^{AND EFFECTIVE} 2/12/93. THE PROCEDURE DETAILS THE USE AND MAINTENANCE OF DRCA AS REQUIRED. MARKED UP REVIEW SHEETS ARE ALSO ADDRESSED.

Kenneth M. Felt
2/8/93

Ltr dtd 9/24/92 - Blyman to Spence