



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

DEC 07 1994

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Technical Project Officer
for Yucca Mountain
Site Characterization Project
TRW Environmental Safety Systems, Inc.
Bank of America Center, Suite P-110
101 Convention Center Drive
Las Vegas, NV 89109

EVALUATION OF AMENDED RESPONSE TO CORRECTIVE ACTION REQUEST
(CAR) YM-94-070 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE
DIVISION'S (YMQAD) AUDIT YMP-94-01 OF THE CIVILIAN RADIOACTIVE
WASTE MANAGEMENT SYSTEM MANAGEMENT AND OPERATING CONTRACTOR
(SCPB: N/A)

The YMQAD staff has evaluated the amended response to
CAR YM-94-070. The amended 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,
101 Convention Center Drive, Suite 640, Las Vegas, Nevada 89109.

If you have any questions, please contact either Robert B.
Constable at 794-7945 or Kenneth O. Gilkerson at 794-7738.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1122

Enclosure:
CAR YM-94-070

cc w/encl:
T. A. Wood, HQ (RW-14) FORS
~~L. G. Spence~~, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
R. L. Robertson, M&O/TRW, Vienna, VA
R. P. Ruth, M&O/Duke, Las Vegas, NV
Richard Jiu, M&O/Duke, Las Vegas, NV

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

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102.7
WM-11

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

8 CAR NO.: YM-94-070
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QA

CORRECTIVE ACTION REQUEST

1 Controlling Document OCRWM QARD DOE/RW-0333P, Revision 01		2 Related Report No. YMP-94-01	
3 Responsible Organization M&O		4 Discussed With Jim Houseworth	
5 Requirement: QARD, Section 2.1 establishes requirements for planning, implementing and maintaining the Quality Assurance Program. 2.2.2.B states: "Affected organizations shall establish quality assurance implementing documents applicable to their scope of work that translates QARD requirements into work processes."			
6 Adverse Condition: Contrary to the above requirements, M&O procedure NLP-3-17, Revision 01, "Development of Waste Isolation Fluctuations" does not implement the QARD Supplement III, Section 2.3 as written. This procedure allows the use of unqualified data and computer codes without being identified and tracked. NOTE: Procedure NLP-3-17 has been in effect since October of 1993. This CAR supplements CAR YM-94-015 but does not replace it. Discussion: The corrective action to CAR YM-94-015 addressed revising the OCRWM QARD to address issues relative to data used in WIEs for which no validation will be performed and subsequently revise project procedures. NLP-3-17 was revised in anticipation of QARD changes which never occurred and conflicts with the current QARD requirements.			
9 Does a Significant Condition Adverse to Quality exist? Yes ___ 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 ___ 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	
11 Required Actions: <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Extent of Deficiency <input checked="" type="checkbox"/> Preclude Recurrence <input checked="" type="checkbox"/> Root Cause Determination			3 Response Due Date: 20 Working Days From Issuance
12 Recommended Actions:			
7 Initiator Kenneth O. Gilkerson <i>Kent Gilkerson</i> 8-3-94		14 Issuance Approved by: QADD <i>[Signature]</i> Date 8-5-94	
15 Response Accepted QAR <i>[Signature]</i> Date 8/18/94		16 Response Accepted QADD <i>[Signature]</i> Date 8-24-94	
17 Amended Response Accepted QAR <i>[Signature]</i> Date 12/5/94		18 Amended Response Accepted QADD <i>[Signature]</i> Date 12-6-94	
19 Corrective Actions Verified QAR _____ Date _____		20 Closure Approved by: QADD _____ Date _____	