



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

QA: L

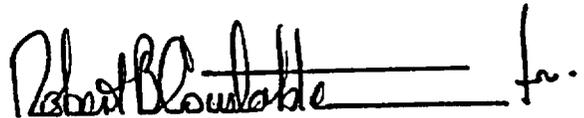
SEP 27 1994

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 Technical Project Officer
 for Yucca Mountain
 Site Characterization Project
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 P.O. Box 1663
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**EVALUATION OF RESPONSE TO CORRECTIVE ACTION REQUEST (CAR)
 YM-94-082 RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE
 DIVISION (YMQAD) AUDIT YMP-94-08 OF LOS ALAMOS NATIONAL
 LABORATORY (SCPB: N/A)**

The YMQAD staff has evaluated the response to CAR YM-94-082. 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, 101 Convention Center Drive, Suite 640, Las Vegas, Nevada 89109.

If you have any questions, please contact either Robert B. Constable at (702) 794-7945 or Stephen D. Harris at (702) 794-7840.



Richard E. Spence, Acting Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-5209

Enclosure:
 CAR YM-94-082

- cc w/encl:
 J. H. Hines, OQD, AL
 J. B. Tillman, LAO
 R. L. Johnson, NRC, Washington, DC
 S. W. Zimmerman, NWPO, Carson City, NV
 N. Z. Elkins, LANL, Las Vegas, NV
 S. L. Bolivar, LANL, Los Alamos, NM

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

YMP-5

041050
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 PDR WASTE
 WM-11 PDR

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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 QP-03.26, Revision 1		2 Related Report No. YMP-94-08	
3 Responsible Organization LANL-YMP		4 Discussed With B. Gundlach	
5 Requirement: The third paragraph of QP-03.26, Revision 1, Section 6.1.2.1b. requires that during the design phase, traceability of software requirements into the software design be demonstrated as follows: Specify (in the requirements traceability section of each source-code documentation-prolog) the identifying number of each software requirement			
6 Adverse Condition: Contrary to the above requirement, the source code for TRACRN, requirements traceability section, indicates "None."			
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	
13 Response Due Date: 20 Working Days From Issuance			
11 Required Actions: <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Extent of Deficiency <input type="checkbox"/> Preclude Recurrence <input type="checkbox"/> Root Cause Determination			
12 Recommended Actions:			
7 Initiator <u>S. D. Harris</u> Stephen D. Harris 8/16/94		14 Issuance Approved by: QADD <u>[Signature]</u> for Date <u>8.24.94</u>	
15 Response Accepted QAR <u>S. D. Harris</u> Date <u>9-22-94</u>		16 Response Accepted QADD <u>[Signature]</u> for Date <u>9.26.94</u>	
17 Amended Response Accepted QAR _____ Date _____		18 Amended Response Accepted QADD _____ Date _____	
19 Corrective Actions Verified QAR _____ Date _____		20 Closure Approved by: QADD _____ Date _____	

ENCLOSURE

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CORRECTIVE ACTION REQUEST (CONTINUATION PAGE)

5 Requirements (continued)

satisfied by the module. Ensure that each requirement in the Software Requirements Specification is implemented within one or more modules of the software design (as embodied in the documentation prolog of each software module).

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CORRECTIVE ACTION REQUEST (CONTINUATION PAGE)

CORRECTIVE ACTION RESPONSE FOR CAR NO. YM-94-082: Page 1 of 1

A. Remedial Action:

Correct requirements traceability information will be verified and updated as necessary for application TRACRN main code modules in accordance with QP-03.26, R1, Section 6.1.2.1b.

Responsible Individual:

L. L. Trease

Anticipated Completion Date:

October 15, 1994

Correction record packages containing the updated code lists will be submitted to the Yucca Mountain Project Central Records Facility. The corrected code will be applied to the Computer Program Library.

Responsible Individual:

B. D. Gundlach

Anticipated Completion Date:

October 30, 1994

B. Extent of the Deficiency:

Not required for this Corrective Action Request per block 11, page 1 of CAR-082.

C. Root Cause Determination:

Not required for this Corrective Action Request per block 11, page 1 of CAR-082.

D. Corrective Action to Preclude Recurrence:

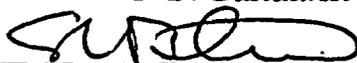
Not required for this Corrective Action Request per block 11, page 1 of CAR-082.

Responsible Individual:



B. D. Gundlach

Response Approved:



S. L. Bolivar, LANL QAPL

Date: 09/15/94