



Department of Energy

Washington, DC 20585

AUG 27 1997

QA: L

L. D. Foust, Technical Project Officer
for Yucca Mountain Site
Characterization Project
TRW Environmental Safety Systems, Inc.
1180 Town Center Drive, M/S 423
Las Vegas, NV 89134

ISSUANCE OF DEFICIENCY REPORT (DR) YM-97-D-080 RESULTING FROM AN OBSERVATION MADE BY NICHOLAS D. SUDAN

Enclosed is DR YM-97-D-080 generated as a result of an Office of Quality Assurance review.

Please provide a response to this deficiency that meets the applicable requirements of Administrative Procedure 16.1Q, Performance/Deficiency Reporting. Send the original of your response to Deborah G. Sult, OQA/QATSS, P.O. Box 30307, Mail Stop 455, North Las Vegas, Nevada 89036-0307. Response to the DR is due 20 working days from the date of this letter. Any extension to the due date must be requested in writing, with appropriate justification, prior to the due date.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Craig J. Barnes at (702) 295-2813.

Handwritten signature: R.W. Clark
for Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-2191

Enclosure:
DR YM-97-D-080

- cc w/encl:
T. A. Wood, DOE/HQ (RW-55) FORS
J. O. Thomä, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
B. R. Justice, M&O, Las Vegas, NV
R. A. Morgan, M&O, Las Vegas, NV
N. D. Sudan, M&O, Las Vegas, NV

- cc w/o encl:
W. L. Belke, NRC, Las Vegas, NV
C. J. Barnes, OQA/QATSS, Las Vegas, NV
D. G. Sult, OQA/QATSS, Las Vegas, NV
R. W. Clark, DOE/OQA, Las Vegas, NV

Handwritten notes:
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Recip: NMSS/pahl

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

8 Performance Report
 Deficiency Report
YM-97-D-079080
NO. _____
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
QAP-3-5, with the activity initiated under Rev. 6, completed under Rev. 7

2 Related Report No.
n/a

3 Responsible Organization:
Repository Design

4 Discussed With:
Dave Padula, Martin Haas, Mary Woods, C. Barry Thom

5 Requirement/Measurement Criteria:
QAP-3-5, Revision 6, Section 5.3.4A directs the Technical Document Preparer to resolve all comments generated by all reviewers before completing the review of a technical document. In addition, in QAP-3-5, Revision 7, Section 5.4A, the Responsible Manager is directed to review the technical document for completeness in accordance with QAP-3-5 before approving the document.

6 Description of Condition:
The Radiation Repository Shielding Design Guide, BC0000000-01717-2500-00001, Revision 00 was approved without resolving all comments. Comments submitted by Nicholas D. Sudan on 5/27/97 for the Systems Engineering/Requirements Management group were not resolved with the reviewer and were not incorporated into the final document prior to approval.

7 Initiator
N. D. Sudan *NDSD* Date 8/12/97

9 Is condition an isolated occurrence?
 Yes No Unknown; Must be Yes if PR

10 Recommended Actions: (Not required for PR)
Complete comment resolution in accordance with QAP-3-5, Rev.7 for excluded comments. Generate a DCN or revise the technical document to address any changes, and distribute to affected parties for review.
Determine the impact of changes or omissions in the technical document.
Review a sample of technical documents generated prior to the referenced issue to determine if this is an isolated incident.
Determine corrective action to prevent recurrence.

11 QA Review:
QAR *C. B. [Signature]* Date 8/13/97

12 Response Due Date
20 working days from issuance

13 Director, QQA Issuance Approval: (QAR for PR)
Printed Name Donald G. Horton Signature *R.W. [Signature]* Date 8/25/97

22 Corrective Actions Verified
QAR Date

23 Closure Approved by: (N/A for PR)
DOQA Date

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

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PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

15 Extent of Condition: (Not required for PR)

16 Root Cause Determination: (Not required for PR)

Required: Yes No

17 Action to Preclude Recurrence: (Not required for PR)

Required: Yes No

18 Corrective Action Completion Due Date:

19 Response by:

Date

Phone

20 Response Accepted

21 Response Accepted (N/A for PR)

QAR

Date

DOQA

Date