



Department of Energy

Washington, DC 20585

MAR 13 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-027 RESULTING FROM OFFICE
OF QUALITY ASSURANCE (OQA) AUDIT K/PB-ARC-97-11 OF WORK PACKAGE
PROCESS - FIRST ACCESS TOPOPAH SPRINGS EXCAVATION, WORK BREAKDOWN
STRUCTURE 1.2.6.4.2

Enclosed is DR YM-97-D-027 generated as a result of OQA Audit K/PB-ARP-97-11.

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 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
Wesley C. Pugmire at (702) 295-7992.

James Blaylock
Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-1148

Enclosure:
DR YM-97-D-027

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PDR WASTE PDR
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Recip: N M S S / H W R



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L. D. Foust

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MAR 13 1997

cc w/encl:

T. A. Wood, DOE/HQ (RW-55) FORS
J. O. Thoma, 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
Records Processing Center = "8"

cc w/o encl:

W. L. Belke, NRC, Las Vegas, NV
W. C. Pugmire, OQA/QATSS, Las Vegas, NV
D. G. Sult, OQA/QATSS, Las Vegas, NV
R. W. Clark, DOE/OQA, Las Vegas, NV

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

8 Performance Report
 Deficiency Report
NO. YM-97-D-027
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: DOE/RW-0333P (QARD), Rev. 5, Section 6.0, Document Control
2 Related Report No. Audit Report K/PB-ARP-97-11

3 Responsible Organization: Management & Operations (M&O) Engineering
4 Discussed With: A. Segrest, C. Garrett, W. Glasser, S. Bowlinger, H. Cox

5 Requirement/Measurement Criteria:
Requirement: QARD Para. 6.2.5 B & C require respectively, "The disposition of obsolete or superseded documents shall be controlled to ensure that they are not used to perform work."; and, "A method shall be established to identify the current status of each document that is required to be controlled in accordance with this section."

6 Description of Condition:
Deficiency: Contrary to stated requirements, Project design documents (drawings and specifications) are not controlled adequately to prevent inadvertent use of obsolete or superseded documents.

Supporting Background Information: Presently, the condition exists where two revision levels of the same design document may exist in the field concurrently. This is primarily due to the lack of a management control system addressing and coordinating interface responsibilities from one M&O organization to another.

Design documents are developed and approved by the M&O engineering organizations responsible for the various steps in the design process. Approved documents are forwarded to the M&O document control authority for distribution to users. Personnel identified on distribution lists receive the new or revised document and, follow instructions to replace and destroy or mark superseded/obsolete prior versions of the document with one exception. The Constructor's document control agent receives the new version and initiates the impact evaluation process for the new design (per Spec. Sect. 01400) (continued on page 3)

7 Initiator: W. C. Pugmire Date 03/06/97
9 Is condition an isolated occurrence? Yes No Unknown; Must be Yes if PR

10 Recommended Actions: (Not required for PR)
* Investigate extent of condition and determine impact to programs and/or constructed facilities.
* Determine appropriate actions to mitigate or resolve impacts from past occurrence of identified deficiency.
* Implement remedial actions.
* Determine appropriate actions to preclude recurrence of identified deficiency.
* Implement and monitor actions for effectiveness.

11 QA Review: QAR W. C. Pugmire Date 03/06/97
12 Response Due Date: 20 working days from issuance

13 Affected Organization QA Manager Issuance Approval: (QAR for PR)
Printed Name: DG Horton Signature: James Blaylock Date: 3/12/97

22 Corrective Actions Verified: QAR Date
23 Closure Approved by: (N/A for PR) AOOAM Date

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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:

Initial

Amended

Date

Phone

20 Response Accepted

QAR

Date

21 Response Accepted (N/A for PR):

AOQAM

Date

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PR/DR CONTINUATION PAGE

6. Description of Condition (continued):

Supporting Background Information (continued):

Twenty (20) days are set aside for this process by 01400, during which, the document under review is not placed in the Constructor's Work Packages (WPs).

The process described in the preceding paragraph results in occurrences of two versions of the same document existing in the field simultaneously. The new version of the design document exists in controlled manuals or drawing sticks of individuals immediately following document distribution, while the previous version of the design document remains in the Constructor's WPs until such time as impact evaluations, and identified actions from those evaluations, are complete. It is not unusual for two versions of the same document to be available side by side in the same field office. One version on the drawing stick, the other version in the WP. Both appear to be valid for use in construction and/or inspection and test activities.