



Department of Energy

Washington, DC 20585

QA: L

JUN 30 1997

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-060 RESULTING FROM AN
OBSERVATION BY ANDREW G. BURNINGHAM

Enclosed is DR YM-97-D-060 generated as a result of an observation.

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
Richard L. Weeks at (702) 794-1431.

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

OQA:JB-1768

Enclosure:
DR YM-97-D-060

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

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

Recip: nmss/HWR

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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.**

THIS IS A RED STAMP
 Performance Report
 Deficiency Report
 NO. YM-97-D-060
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: BAA000000-01717-2200-00098, R1	2 Related Report No. N/A
3 Responsible Organization: Civilian Radioactive Waste Management System Management & Operating Contractor (CRWMS M&O)	4 Discussed With: William B. Distel, Ronald D. Oliver

5 Requirement/Measurement Criteria:

The subject DIE Section 13.2(1b) states in part:

"Periodic inspections of the pad and access road (not less than monthly) will be made during construction or operation. These inspections are intended to ensure that drainage characteristics (as discussed above) have not been altered in a way that would create preferential flow into or toward a borehole or surface runoff impoundment areas which would result in ponding of water that would be pumpable with standard equipment."

6 Description of Condition:

Contrary to the above requirement, no evidence exists that drill pads and access have been inspected on a monthly basis for changes in drainage characteristics.

7 Initiator Andrew G. Burningham <i>AGB</i> Date 6/4/97	8 Is condition an isolated occurrence? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown; Must be Yes if PR
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10 Recommended Action: (Not required for PR)

- Inspect pads and access roads to determine if drainage characteristics have changed since the last regular inspections.
- Re-initiate monthly inspections of pads and access roads within the Conceptual Controlled Area Boundary.
- Determine adverse impacts of not having conducted the monthly inspections.

11 QA Review: <i>Richard L. Weeks</i> QAR Richard L. Weeks Date 6/11/97	12 Response Due Date 20 working days from issuance
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13 Affected Organization QA manager Issuance Approval: (QAR for PR) Printed Name Donald G. Horton Signature <i>R.W. Horton</i> Date 6/30/97

22 Corrective Action Verified QAR Date	23 Closure Approved by: (N/A for PR) AOQAM Date
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RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

PR/DR NO. YM-97-D-060

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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 Date:

19 Response by:

Initial
 Amended Date Phone

20 Response Accepted

QAR Date

21 Response Accepted (N/A for PR):

AOQAM Date