



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

AUG 27 1996

Wesley E. Barnes, Project Manager, YMSCO, NV
 ATTN: James R. Compton, AMSL, YMSCO, NV

ISSUANCE OF DEFICIENCY REPORT (DR) YM-96-D-091, REVISION 1, RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION'S (YMQAD) SURVEILLANCE YMP-SR-96-022

Enclosed is DR YM-96-D-091, Revision 1, generated as a result of YMQAD Surveillance YMP-SR-96-022. This deficiency report was originally assigned to U.S. Geological Survey as the responsible organization. The responsibility for this deficiency report has been changed to the U.S. Department of Energy (DOE), Assistant Manager for Scientific Programs, since corrective action may require cancellation of job packages controlled by DOE.

Please identify the corrective action to be taken and implemented to correct the deficiency. Send the original of your response to Deborah Sult, YMQAD/QATSS, P.O. Box 98608, Mail Stop 455, Las Vegas, Nevada 89193-8608. 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 Robert B. Constable at (702) 794-5580 or Daniel J. Tunney at (702) 794-1353.



Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-2499

Enclosure:
 DR YM-96-D-091, Revision 1

cc w/encl:
 J. G. Spraul, NRC, Washington, DC
 S. W. Zimmerman, NWPO, Carson City, NV
 Patricia Pytel, M&O/TRW, Las Vegas, NV
 T. H. Chaney, USGS, Denver, CO
 R. W. Craig, USGS, Las Vegas, NV
 E. R. Cooper, YMSCO, NV
 Records Processing Center

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

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Recip: NMSS/HLR

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

Performance Report
 Deficiency Report
NO. YM-96-D-091, Rev. 1
PAGE 1 OF 3
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: YMP/TPP T-93-8, Revision 0; YMP/TPP 92-13, Revision 2; YMP/JP 94-21, March 1995; YMP/JP 95-1, Revision 1	2 Related Report No. YMP-SR-96-022
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3 Responsible Organization: U.S. Department of Energy(DOE)/Assistant Manager for Scientific Programs (AMSP)	4 Discussed With: A. G. Burningham, D. L. Edwards, A. J. Mitchell
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5 Requirement/Measurement Criteria:

a. Test Planning Packages YMP/TPP T-93-8, 8.2, second paragraph, and YMP/TPP 92-13, 8.2, second paragraph, state, "The following Quality Assurance Grading Reports (QAGR) associated with the testing activities have been approved:

<u>PARTICIPANT</u>	<u>QAGR</u>	<u>WBS</u>	<u>SUBJECT</u>
USGS	G1233124	1.2.3.3.1.2.4	Char of YM Perc in the Unsat Zone-ESF"

b. Job Packages YMP/94-21, A.1.b, last paragraph, and YMP/JP 95-1, A.1.b, last paragraph, state, "USGS will operate under the following QAGR:

<u>PARTICIPANT</u>	<u>QAGR</u>	<u>WBS</u>	<u>SUBJECT</u>
USGS	G1233124	1.2.3.3	Char of YM Perc in the Unsat Zone-ESF"

6 Description of Condition:
QAGR G1233124 has been cancelled. Work is being performed in accordance with Job Packages YMP/JP 95-1 and YMP/JP 94-21 which direct that operations be conducted in accordance with a cancelled QAGR.

7 Initiator Daniel J. Tunney <i>Daniel J. Tunney</i> Date <u>8/26/96</u>	9 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)

a. Correct the above listed job packages and test planning packages.

b. Evaluate whether similar deficiencies exist, identify any similar deficiencies, and correct these.

c. Evaluate whether the deficient conditions have an impact on any work performed and if affected, take appropriate corrective measures.

11 QA Review: QAR <i>Daniel J. Tunney</i> Date <u>8/26/96</u>	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 <u>RESPENCE</u> Signature <i>Robert B. (unintelligible)</i> Date <u>8-27-96</u>

22 Corrective Action Verified QAR _____ Date _____	23 Closure Approved by: (N/A for PR) AOQAM _____ Date _____
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WASHINGTON, D.C.

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QA: L

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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 Deficiency Report
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PR/DR CONTINUATION PAGE

REVISION TO DEFICIENCY REPORT NO. DR YM-96-D-091

Justification:

The Responsible Organization is being changed from U.S. Geological Survey (USGS) to DOE/AMSP since DOE/AMSP is the responsible manager for the job packages.

Daniel Tunney
Daniel Tunney, QAR

8/26/96
Date

Robert B. Constable
Robert B. Constable, AOQAM

8.26.96
Date

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RADIOACTIVE WASTE MANAGEMENT
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Performance Report
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 NO. YM-96-D-091
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3 Responsible Organization: <u>USGS</u> U.S. Geological Survey (USGS) - <u>DOE/AMSP USGS</u>	4 Discussed With: A. G. Burningham, D. L. Edwards, A. J. Mitchell
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7 Initiator Daniel J. Tunney Date <u>8/12/96</u>	9 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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" THIS DR REPLACED BY DR YM-96-D-091 REV. 1 "

11 QA Review: QAR <u>Daniel J. Tunney</u> Date <u>8/12/96</u>	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 <u>RESPENCE</u> Signature <u>[Signature]</u> Date <u>8-14-96</u>
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22 Corrective Action Verified QAR <u>N/A</u> Date	23 Closure Approved by: (QAR for PR) <u>[Signature]</u> Date <u>8-27-96</u>
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WASHINGTON, D.C.

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PR/DR NODR YM-96-D-091

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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