



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

AUG 15 1995

Robert W. Craig  
Technical Project Officer  
for Yucca Mountain  
Site Characterization Project  
U.S. Geological Survey  
1261 Town Center Drive  
Building 4, Room 423, M/S 423  
Las Vegas, NV 89134

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

Enclosed is DR YM-96-D-091 generated as a result of YMQAD Surveillance YMP-SR-96-022.

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, NV 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 Tunney at (702) 794-1353.

*Robert B. Constable*

Richard E. Spence, Director  
Yucca Mountain Quality Assurance Division

YMQAD:RBC-2411

Enclosure:  
DR YM-96-D-091

cc w/encl:  
J. G. Spraul, NRC, Washington, DC  
S. W. Zimmerman, NWPO, Carson City, NV  
T. H. Chaney, USGS, Denver, CO  
Records Processing Center

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

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PDR WASTE PDR  
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Add: JG SPRAUL

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

Performance Report  
 Deficiency Report  
 NO. YM-96-D-091  
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 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. Geological Survey (USGS)	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:

PARTICIPANT	QAGR	WBS	SUBJECT
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:

PARTICIPANT	QAGR	WBS	SUBJECT
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 Quality Assurance Grading Report.

7 Initiator Daniel J. Tunney Date 8/12/96	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 Daniel J. Tunney Date 8/12/96	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 RESPERNCE	Signature Robert A. Burningham Date 8-14-96
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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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PR/DR NODR YM-96-D-091

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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