



Department of Energy

Washington, DC 20585

QA: L

JUL 25 1997

R. W. Craig, Technical Project Officer
for Yucca Mountain Site
Characterization Project
U.S. Geological Survey
1261 Town Center Drive
Building 12, Room 1249, M/S 423
Las Vegas, NV 89134

ISSUANCE OF DEFICIENCY REPORT (DR) USGS-97-D-008

Enclosed is DR USGS-97-D-008 generated as a result of a USGS 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 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 Ardell M. Whiteside at (303) 236-5050.

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

OQA:JB-1990

Enclosure:
DR USGS 97-D-008

cc w/encl:
J. O. Thoma, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
T. H. Chaney, USGS, Denver, CO
D. J. Sinks, OQA/USGS, Denver, CO
A. M. Whiteside, OQA/USGS, Denver, CO

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

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ORIGINAL

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

Performance Report
 Deficiency Report

NO. USGS-97-0008

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YMP

YMP-USGS- PERFORMANCE/DEFICIENCY REPORT

¹ Controlling Document: HP-160, R2, M1-M2: Methods for Analysis of Samples for Gas Composition by Gas Chromatography.

² Related Report No.:
N/A

³ Responsible Organization: U.S. Geological Survey
Environmental Science Team

⁴ Discussed With: Gordon Rattray

⁵ Requirement/Measurement Criteria:

Para. 7.1 - States, "Specific items from this procedure that shall constitute a record are:

- Field log book
- GC lab book (*Att. 1 of HP-160; format*)
- Gas chromatograph log book
- Flow meter calibration log book
- Gas summary sheet (*Att. 2 of HP-160*)
- Water vapor summary sheet (*Att. 3 of HP-160*)

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⁶ Description of Condition:

Records generated by HP-160 as evidenced in data package, "UZ-1 Data" GS930408312271.013, GS930108312271.004, GS940408312271.001, GS940408312271.006, GS950708312271.001 and GS 950708312271.002 are not the same records as identified in Section 7.1 of HP-160, R2. HP-160 needs to show the GC Lab book/Logbook as the record of analyses; the other records listed in HP-160, R2 are used in the collection of the data, not the analyses, so therefore should not be listed as records generated from this procedure.

⁷ Initiator: *Kristi Lewis*
Kristi L. Lewis

Date *7/7/97*

⁹ Is condition an isolated occurrence?

Yes No Unknown; Must be Yes if PR

¹⁰ Recommended Action (not required for PR):

1. *Modify YMP-USGS-HP-160 to accurately reflect which records are generated by implementation of the procedure.*
2. *Reference this deficiency on appropriate records packages that include data generated by implementation of HP-160.*
3. *Determine Impact on Data.*
4. *Investigate to determine if other procedures have a similar deficiency.*

¹¹ QA Review: *and White*

QAR *ARDELL WHITE* Date *7-16-97*

¹² Response Due Date:

20 working days from issuance

¹³ Affected Organization QA Manager Issuance Approval (QAR for PR)

Printed Name: *D.G. Horton*

Signature: *James Blaylock*

Date *7/25/97*

²² Corrective Action Verified:

QAR _____ Date _____

²³ Closure Approved by (N/A for PR):

AOQAM _____ Date _____

ENCLOSURE

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

PR/DR NO. USGS-97-D-008
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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