



Department of Energy

QA: L

Washington, DC 20585

APR 02 1998

D. R. Wilkins, 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

EVALUATION OF RESPONSE TO DEFICIENCY REPORT (DR) LLNL-98-D-018
RESULTING FROM OFFICE OF QUALITY ASSURANCE (OQA) SURVEILLANCE
LLNL-SR-98-013 OF LAWRENCE LIVERMORE NATIONAL LABORATORY

The OQA staff has evaluated the response to DR LLNL-98-D-018. The response has been determined to be satisfactory. Verification of completion of the corrective action will be performed after the effective date provided. Any extension to this date must be requested in writing, with appropriate justification, prior to that date. Please send a copy of extension requests to Deborah G. Sult, OQA/QATSS, P.O. Box 30307, Mail Stop 455, North Las Vegas, Nevada 89036-0307.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Kenneth T. McFall at (702) 295-2832.

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

OQA:JB-1297

Enclosure:
DR LLNL-98-D-018

- cc w/encl:
- T. A. Wood, DOE/HQ (RW-55) FORS
- S. L. Wastler, NRC, Rockville, MD
- S. W. Zimmerman, NWPO, Carson City, NV
- B. R. Justice, M&O, Las Vegas, NV
- R. A. Morgan, M&O, Las Vegas, NV
- W. L. Clarke, M&O/LLNL, Livermore, CA
- R. E. Monks, M&O/LLNL, Livermore, CA
- J. F. Pelletier, OQA/LLNL, Livermore, CA

- cc w/o encl:
- W. L. Belke, NRC, Las Vegas, NV
- K. T. McFall, OQA/QATSS, Las Vegas, NV, M/S 280
- D. G. Sult, OQA/QATSS, Las Vegas, NV
- R. W. Clark, DOE/OQA, Las Vegas, NV

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

8 Performance Report
 Deficiency Report
NO. LLNL-98-D-018
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
YAP-SII.4Q Rev.1, ICN 0

2 Related Report No.
LLNL-SR-98-013

3 Responsible Organization:
Lawrence Livermore National Laboratory

4 Discussed With:
Royce Monks, William Glassley

5 Requirement/Measurement Criteria:
YAP-S.II.4Q " Collection, Submission and Documentation of Non-Core and Non-Cuttings Samples to the Sample Management Facility for Site Characterization " Rev. 1 Para . 2.0 states :

" This procedure applies to personnel from Affected Organizations, outside interests and Scientific Program Support (SPS) personnel performing functions related to collection and documentation of samples from field sites.

This procedure applies to all non-core and non-cuttings samples, including ; hand , bulk-size, muck, soils, alluvium, fluids, gases, construction materials, and other unspecified samples. It does not apply to core or cuttings. " (See page 3).

6 Description of Condition:

Sample Collection Reports for gas chemistry samples collected from Drift Scale Test borehole ESF-HD-CHE-5 have not been completed in accordance with Para. 5.1.1 a) and b) requirements.

7 Initiator
John R. Doyle *John R. Doyle* Date 12/03/97

8 Is condition an isolated occurrence?
 Yes No Unknown; Must be Yes if PR

10 Recommended Actions: (Not required for PR)

1. Complete Sample Collection Reports for gas samples collected during the above Drift Scale Test activities.
2. Investigate if any other gas samples have been collected and whether Sample Collection Reports have been generated and submitted to the SMF.

11 QA Review:
QAR *Kenneth M. ...* Date 12/11/97

12 Response Due Date
20 working days from issuance

13 Director, OQA Issuance Approval: (QAR for PR)

Printed Name Donald G. Horton

Signature *R. W. ...*

Date 12/29/97

22 Corrective Actions Verified

QAR Date

23 Closure Approved by: (N/A for PR)

DOQA Date

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PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

Sample collection reports for gas samples collected for Drift Scale Test activities have been completed and sent to SMF. Only cited gas samples were collected without reports submitted to SMF.

15 Extent of Condition: (Not required for PR)

Only those samples cited in the PR were collected without report being submitted to SMF.

16 Root Cause Determination: (Not required for PR)

Required:

Yes

No

17 Action to Preclude Recurrence: (Not required for PR)

Required:

Yes

No

Although not required, the steps to ensure coordination with SMF for QA sample collection has been included in Scientific Notebooks.

18 Corrective Action Completion Due Date:

Completed 1/22/98

19 Response by:

Royce Monks
& Bill Glassley

Date

Phone

20 Response Accepted

DAR

Ken... McFall

Date

3/4/98

21 Response Accepted (N/A for PR)

DOQA

R.W. Coe

Date

4/2/98

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PR/DR CONTINUATION PAGE

(Block 5 continued)

Para . 5.1.1 states in part:

"5.1.1 Collector:

NOTE : The Collector and Recipient may be the same individual.

a) Obtain a Sample Collection Report (Report), Attachment 1, and unique identification labels from the SMF for each sample to be collected, or use a collection report that contains the following:

- o Date sample collected
- o Name, organization, address, and phone number of the collector
- o Name, organization, address, and phone number of the recipient for whom the sample is collected
- o Type of sample and description
- o Quality assurance (QA) designator of the sample (i.e., Q or NQA)
- o Site type and site description

NOTE: Site descriptions shall provide enough information to allow the site to be located by personnel (with equivalent experience) who are independent of the Collector.

o SMF sample identification number.

b) Collect samples and complete report. ..."