



Department of Energy

Washington, DC 20585

QA: L

APR 09 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

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF DEFICIENCY REPORT (DR) LLNL-98-D-016 RESULTING FROM THE OFFICE OF QUALITY ASSURANCE (OQA) SURVEILLANCE LLNL-SR-98-013 OF LAWRENCE LIVERMORE NATIONAL LABORATORY

The OQA staff has evaluated the corrective action of DR LLNL-98-D-016 and determined the result to be satisfactory. As a result, the DR is considered closed.

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

Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-1485

Enclosure:
DR LLNL-98-D-016

cc w/encl:

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

THIS REPORT IS
8 ☐ Performance Report
☒ Deficiency Report
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:

Lawrence Livermore National Laboratory (LLNL) 033-YMP-QP 3.4, R4

2 Related Report No.

LLNL-SR-98-013

3 Responsible Organization:

LLNL

4 Discussed With:

William Glassley

5 Requirement/Measurement Criteria:

033-YMP-QP 3.4, R4, "Scientific Notebooks", Paragraph 3.4.5.2.1 states in part "...If Plans and TIPS are not referenced or if these documents do not contain the following items, the initial Scientific Notebook entries must describe the following subject areas to the extent known at the time the initial entries are made: The research objective, proposed approach, calibration requirements, training/qualification requirements, environmental requirements, accuracy and precision requirements, and potential sources of error."

6 Description of Condition:

Contrary to the above requirement the initial entries in LLNL Scientific Notebook SN#00342 for the SEAMIST data collection do not contain the required information.

7 Initiator

Kenneth T. McFall
Kenneth T. McFall

Date 12/03/97

9 Is condition an isolated occurrence?



Yes



No



Unknown; Must be Yes if PR

10 Recommended Actions: (Not required for PR)

1. Include the missing information
2. Identify actions to preclude recurrence

11 QA Review:

QAR

Kenneth T. McFall
Kenneth T. McFall

Date 12/03/97

12 Response Due Date

20 WORKING DAYS FROM ISSUANCE

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

Printed Name

Donald G. Harter

Signature

R.W. Carter

Date 12/19/97

22 Corrective Actions Verified

QAR

Kenneth T. McFall

Date

3/30/98

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

Chop

Date 4/18/98

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WASHINGTON, D.C.

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PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

Scientific Notebook SN#00342 for the SEA MIST data collection will have the initial entry revised or replaced to include the required information.

15 Extent of Condition: (Not required for PR)

The EA Manager will review all Scientific Notebooks for compliance to the requirements of 033-YMP-QP-3.4, Rev 4, CN-2.

16 Root Cause Determination: (Not required for PR)

Required:

☐ Yes

☒ No

NA

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

Required:

☐ Yes

☐ No

033-YMP-QP-3.4, Rev 4 has been amended to require that an activity plan be referenced as the planning document or that the Notebook itself adequately describes the activity. Training is required for all notebook holders.

18 Corrective Action Completion Due Date:

March 15, 1998

19 Response by:

Royce Monks
& Bill Glassley

Date

Royce Monks 11/8/97 (510) 422-6518
11/7/97 (510) 422-6499
Phone

20 Response Accepted

QAR

Date

1/22/98

21 Response Accepted (N/A for PR)

DOQA

Date

1/30/98

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PR/DR CONTINUATION PAGE

Verification Statement for Deficiency Report (DR) LLNL-98-D-016

On 3/25/98 completion of corrective action concerning DR LLNL-98-D-016 was made in the ESF. The investigators provided the SEAMIST scientific notebook which was missing the required initial entries during surveillance LLNL-SR-98-013. It was verified that the following required initial entries were present in the scientific notebook:

- * research objective
- * proposed approach
- * calibration requirements
- * training/qualification requirements
- * accuracy and precision requirements
- * environmental requirements
- * potential sources of error

This Deficiency Report is now considered closed.


Kenneth T. McFall, QAR 3/30/98