



Department of Energy  
Washington, DC 20585

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Las Vegas, NV 89109

EVALUATION OF RESPONSE TO DR YM-96-D-105 RESULTING FROM OQA AUDIT  
YM-ARP-96-014 OF LOS ALAMOS NATIONAL LABORATORY

The Office of Quality Assurance staff has evaluated the response to Deficiency Report YM-96-D-105. 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 the date. Please send a copy of extension requests to Deborah Sult, OQA/QATSS, P.O. Box 98608, Mail Stop 455, Las Vegas, Nevada 89193-8608.

If you have any questions, please contact either Mario R. Diaz at (702) 794-1489 or Stephen R. Dana at (702) 794-1496.

Donald G. Horton  
Office of Quality Assurance

OQA:MRD-0307

Enclosure:  
DR YM-96-D-105

- cc w/encl:
- T. A. Wood, DOE/HQ (RW-55) FORS
  - J. G. Spraul, NRC, Washington, DC
  - S. W. Zimmerman, NWPO, Carson City, NV
  - B. R. Justice, M&O, Las Vegas, NV
  - J. A. Canepa, M&O/LANL, Los Alamos, NM
  - M. J. Clevenger, M&O/LANL, Los Alamos, NM
  - Records Processing Center

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

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

**ORIGINAL**  
THIS IS A RED STAMP  
Performance Report  
 Deficiency Report  
NO. YM-96-D-105  
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QA: L

**PERFORMANCE/DEFICIENCY REPORT**

**1 Controlling Document:**

Los Alamos National Laboratory (LANL), Yucca Mountain Site Characterization Project (YMP) Quality Procedure (QP), Revision 5, Yucca Mountain Site Characterization Project Administrative Procedure (YAP)

**2 Related Report No.**

YM-ARP-96-014

**3 Responsible Organization:**

LANL

**4 Discussed With:**

Mike Clevenger, John Friend

**5 Requirement/Measurement Criteria:**

LANL-YMP-QP-17.6, Paragraph 6.7.8: "Forwards a copy of the records package, unbound or loose-leaf, if possible, to the RPC within 20 working days after the date in Subsection 6.7.7."

Paragraph 6.7.7: "Authentication should be within 20 working days of completion of the last record in the records package."

YAP-17.1Q, Paragraph 5.3.1.b): "ensure that any YMP records contained in working files are submitted to the RPC when an individual is leaving the YMP or changing jobs."

**6 Description of Condition:**

Scientific notebooks (listed below) were identified with dates that would indicate they are complete, however, they have not been submitted to the Records Processing Center (RPC). Also, the investigators identified below are no longer working on the YMP.

**1. TWS-INC 11-92-02**

Investigator: Mike Murrell

Last Entry Date by Investigator: 12/21/94

Note: The completed package should include documentation of the calculations and results of the weighted average.

**2. TWS-INC 7-09-91-07**

Investigator: Jane Poths

Last Entry Date by Investigator: 11/29/91

**3. TWS-INC 7-2-88-2**

Investigator: Jane Poths

Last Entry Date by Investigator: 3/27/92

**4. TWS-INC 7-2/88-3**

Investigator: Mike Murrell

This notebook has been submitted and received by the RPC, however, the associated binder which contains copies of weighing data made in the RC-45 clean rooms has not been submitted to the RPC.

**7 Initiator**

*Stephen R. Dana*  
Stephen R. Dana Date 9/30/96

**8 Is condition an isolated occurrence?**

Yes  No  Unknown; Must be Yes if PR

**10 Recommended Actions: (Not required for PR)**

Identify those LANL scientific notebooks that are complete for studies 8.3.1.8.1.1, 8.3.1.8.1.2, and 8.3.1.8.5.1 and submit them to the RPC in accordance with LANL-YMP-QP-17.6.

**11 QA Review:**

QAR *Stephen Dana* Date 10/1/96

**12 Response Due Date**

20 working days from issuance

**13 Affected Organization QA manager Issuance Approval: (QAR for PR)**

Printed Name *Richard E. Spence* Signature *[Signature]*

Date 10/3/96

**22 Corrective Action Verified**

QAR Date

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

AOQAM Date

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

PR/DR NO. YM-96-D-105

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**PERFORMANCE/DEFICIENCY REPORT RESPONSE**

**14 Remedial Actions:**

Notebooks were not submitted to records in a timely manner since a majority of personnel that were involved in the subject studies have left the project. No provisions were made for the retrieval of data from personnel no longer on the project

A survey will be performed to identify all records for volcanism studies that will be completed by 12/15/96 and those records along with the items identified in the DR will be processed and submitted by 3/30/96.

97. JZF 10/30/96

**15 Extent of Condition: (Not required for PR)**

The amount of outstanding data (i.e. notebooks) that need to be submitted as QA records will be determined when the survey is completed.

**16 Root Cause Determination: (Not required for PR)**

Required  Yes  No

N/A

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

Required  Yes  No

N/A

**18 Corrective Action Completion Due Date:**

3/30/96 97 JZF 10/30/96

**19 Response by:**

R Initial

F. PERRY

Amended

Date 10/30/96 Phone 505/667-1033

**20 Response Accepted**

QAR

*[Signature]*

Date

11/5/96

**21 Responses Accepted (N/A for PR):**

AOQAM

*[Signature]*

Date

11/13/96  
31 Oct 96

10/31/96 EES-13-10-96-1317