



# Department of Energy

Washington, DC 20585

MAR 28 2000

QA: QA

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## VERIFICATION OF CORRECTIVE ACTIONS AND CLOSURE OF DEFICIENCY REPORT (DR) LVMO-00-D-032

The Office of Quality Assurance staff has evaluated the corrective actions of DR LVMO-00-D-032 and determined the results 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 Emily S. Jensen at (702) 794-5013.

OQA:JB-1060

Enclosure:  
DR LVMO-00-D-032

*James Blaylock*  
Robert W. Clark, Director  
Office of Quality Assurance



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Public per  
Mike Hayton

MAR 28 2000

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

8.  DEFICIENCY REPORT  
 CORRECTIVE ACTION REPORT  
NO. LVMO-00-D-032  
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X 2/21/00  
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DEFICIENCY/CORRECTIVE ACTION REPORT

1. Controlling Document:  
AP-SIII.3Q Submittal and Incorporation of Data to the Technical Data Management System Revision 0 ICN 2

2. Related Report No.:  
SA-NEPO-2000-007

3. Responsible Organization:  
USGS/LANL/LBNL/LLNL

4. Discussed With:  
Mark Peters/Tom Chaney/Tanya Reshel/Nancy Aden-Gleason/Cleoves Martinez

5. Requirement:  
AP-SIII.3Q Attachment 2 requires entry of the WBS element number into the ATDT when submitting data. Attachment 4 requires identification of the WBS element number on the Technical Data Information Form.

6. Description of Condition:  
FY 2000 ATDT entries for UZTT data reference closed (FY 99) WBS elements: (e.g., LA9910WS831372.009).  
UZTT Affected Organizations are submitting data under the last WBS element they worked under causing new data entries to be submitted under incorrect WBS element numbers: (e.g., LBNL submitted Unsaturated Zone Transport Test (UZTT) data under the Single Heater Test WBS element 1.2.3.11.2. LLNL submitted UZTT data under the Drift Scale Test WBS number 1.2.3.14.1. The USGS submitted UZTT data under the hydrologic testing WBS number 1.2.3.3.1.2.4.)  
The correct FY 99 WBS for FY 99 UZTT data submittals is 1.2.3.4.1.5.2.  
The correct FY 00 WBS number for FY 00 UZTT data submittals is 1.2.21.3.U.

7. Initiator:  
*Debra Bryan*  
Debra Bryan Date 01/31/00

9. Does a stop work condition exist? (Not required for a DR)  
 Yes  No  
If Yes, Check One:  A  B  C  D

10. Recommended Actions:  
a) Correct datasets to reflect FY 00 WBS numbers.  
b) Ensure TDIFs and ADTD reflect current WBS numbers.  
c) Correct previously submitted records to reflect correct WBS numbers and reference this Deficiency Report.

11. QA Review:  
QAR *Cheryl Jensen* Date 2/4/00

12. Response Due Date:  
10 working days from issuance

13. DOQA Issuance Approval:  
Printed Name - Robert W. Clark Signature *James Blaylock* Date 2/16/00

22. Corrective Actions Verified  
QAR *Cheryl Jensen* Date 3/24/00

23. Closure Approved by:  
DOQA *James Blaylock* Date 3/28/00

TYPE RESPONSE:

- Initial
- Complete
- Amended

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DR/CAR NO. LVMO-00-D-032

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QA: *XQA*

*3/2/00*

**DEFICIENCY/CORRECTIVE ACTION REPORT (RESPONSE)**

**14a. Immediate Actions:**

Data Coordinators responsible for updating the ATDT will be reminded of the requirement to include the correct WBS number until such time as the requirement changes.

Compliance Date: 3/3/00

**14. Remedial Actions:**

The inclusion of the WBS number in the ATDT was to provide traceability to supporting records. However, the requirement to include WBS number on records was eliminated prior to November 1996. As the WBS numbers no longer appears on records, and are subject to periodic change, they no longer provide a functional trace to supporting documents.

**15. Extent of Condition:**

As correcting misidentified FY2000 WBS numbers entered into ATDT will not enhance traceability, no extent of condition or correction is required. The current requirement in AP-SIII.3Q is a hold over that no longer meets the QARD requirement and should be eliminated.

**16. Cause: (Attach results of root cause determination prepared in accordance with AP-16.4Q for a significant deficiency.)**  
Data Coordinators were unaware that WBS numbers changed at the beginning of the fiscal year.

**17. Action to Preclude Recurrence:**

The immediate action identified in block 14a will prevent recurrence.

**18. Due Date:** 3/9/00

- For submittal of complete response
- For completion of corrective action

**19. Response by:** Jean Younker

*Jean Younker*

Date 3/2/00

Phone 295-5497

**20. Evaluation:**  Accept  Partially Accept  Reject

**21. Concurrence:**

QAR *Emily Jensen* Date *3/8/00*

DOQA *James Blaylock* Date *2/16/00*

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8.  DR/CAR  
 Stop Work Order

no. LVMO-00-D-032

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DEFICIENCY/CORRECTIVE ACTION REPORT/STOP WORK ORDER CONTINUATION PAGE

VERIFICATION OF CORRECTIVE ACTIONS AND CLOSURE OF DR LVMO-00-D-032:

A verification was performed on 3/13/00 to determine if corrective actions had been completed in accordance with the response dated 3/2/00. The following objective evidence was reviewed during the verification:

**Immediate Actions:**

It was verified that a memo (via electronic mail) was initiated from F. Zinkevich to all YMP data coordinators, Subject: Requirement for Inclusion of WBS Numbers, 3/2/00.

**Actions to Preclude Recurrence:**

See Immediate Actions for YMP Data Coordinator notification. In addition, it was verified that correct WBS numbers are properly being entered into the ATDT reflecting FY2000 designation:

- LA000MCG12213.002, WBS 1.2.21.3.U, 3/10/00
- SN0003L1011398.003, WBS 1.2.21.3.E, 3/3/00
- MO0003GPYL0GA1.000, WBS 1.2.21.3.3, 3/3/00
- LL000312705924.132, WBS 1.2.21.2.5, 3/10/00
- GS000200005121.001, WBS 1.2.21.3.U, 3/6/00

Based on the satisfactory review of the above information, closure of this Deficiency Report is recommended.

Emily S. Jensen  
QAR

3/24/00  
Date