



## Department of Energy

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WBS #1.2.9.3  
QA

SEP 18 1989

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CLOSURE OF STANDARD DEFICIENCY REPORT (SDR) 217, REVISION 0, RESULTING FROM  
YUCCA MOUNTAIN PROJECT OFFICE QUALITY ASSURANCE AUDIT 88-08 OF LOS ALAMOS  
NATIONAL LABORATORY

SDR 217, Revision 0, has been closed based on satisfactory verification of  
completed corrective actions. A copy of the SDR is enclosed for your files.

If you have any questions, please contact James Blaylock of my staff at  
(702) 794-7913 OR FTS 544-7913, or William H. Camp of Science Applications  
International Corporation at (702) 794-7166 or FTS 544-7166.

*Edwin L. Wilmot*  
Edwin L. Wilmot, Acting Director  
Quality Assurance Division  
Yucca Mountain Project Office

YMP:JB-5926

Enclosure:  
SDR 217, Revision 0

cc w/encl:  
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Dwight Shelor, HQ (RW-3) FORS  
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cc w/o encl:  
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PDR WASTE  
WM-11 PDC

FULL TEXT ASCII SCAN  
ADD: BEIKE & J Kennedy

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## WMPO STANDARD DEFICIENCY REPORT

N-QA-038  
3/87

Completed by Originating QA Organization	1 Date 10/4/88		2 Severity Level <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3		Page 1 of 3
	3 Discovered During Audit 88-08	3a Identified By F. Ruth	3b Branch Chief Concurrence Date		4 SDR No. 217 Rev. 0
	5 Organization LANL	6 Person(s) Contacted E. Nunes		7 Response Due Date is 20 Working Days from Date of Transmittal	
	8 Requirement (Audit Checklist Reference, if Applicable) NVO-196-17, Rev. 5, Section II Quality Assurance Program Para. 5.0 "The requirements shall establish position descriptions that set forth minimum personnel qualifications and provide for appropriate indoctrination or				
Completed by Organization in Block 5	9 Deficiency LANL has not prepared any position descriptions for personnel performing or verifying activities that affect quality.				
	10 Recommended Action(s): <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Investigative <input checked="" type="checkbox"/> Corrective Prepare the Position Descriptions (PD) and determine if the lack of PD had any affect on the activities that have been performed since 3/9/87 when position				
	11 QAE/Lead Auditor Date William H. Camp 11/14/88	12 Branch Manager Date H. A. Howell 4/11/88	13 Project Quality Mgr. Date James Blaylock 11/14/88		
	14 Remedial/Investigative Action(s)  15 Effective Date 1/27/89  Refer to Page 3 of 3				
Comp. by Orig. QA Org.	16 Cause of the Condition & Corrective Action to Prevent Recurrence  17 Effective Date 1/27/89  Refer to Page 3 of 3				
	18 Signature/Date W.H. Camp 12/21/88				
	19 Response <input checked="" type="checkbox"/> Accept <input checked="" type="checkbox"/> Amended Response <input checked="" type="checkbox"/> Reject	QAE/Lead Auditor/Date William H. Camp 1/25/89		Branch Manager/Date H. A. Howell 10/7/89	
	20 Amended Response <input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject	QAE/Lead Auditor/Date William H. Camp 5/28/89		Branch Manager/Date H. A. Howell 3/30/89	
Comp. by Orig. QA Org.	21 Verification <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory	QAE/Lead Auditor/Date CC. Wan / W.H. Camp 9-14-89		Branch Manager/Date T.W. Nelson for D. Hedges 9/14/89	
	22 Remarks VERIFIED ISSUANCE OF LANL PROCEDURES TWS-QAS-QP-02.1, R1 and TWS-QAS-QP-2.2, R2 AND TRAINING OF PERSONNEL TO THESE PROCEDURES. VERIFIED BY REVIEW OF LANL SURVEY REPORT NO. 6067 THAT PERSONNEL POSITION DESCRIPTIONS CONTAIN MINIMUM EDUCATION AND EXPERIENCE REQUIREMENTS ARE ON FILE OR BEING ENTERED IN FILE FOR LANL PERSONNEL IN ACCORDANCE WITH QP-2.1, R1.				
Comp. by Orig. QA Org.	23 QA CLOSURE	QAE/Lead Auditor/Date CC. Wan / W.H. Camp 9-14-89	Branch Manager/Date T.W. Nelson for D. Hedges 9/14/89	PQM/Date C. H. H. 9/14/89	

ENCLOSURE

WMPO STANDARD DEFICIENCY REPORT  
CONTINUATION SHEET

N-QA-038  
10/86

SDR No. 217

Rev. 0

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8 Requirement ( continued )

training or both, prior to initiation of activities that affect quality."

Para. 5.1.1 Position Descriptions "Minimum education and experience requirements shall be established and documented in position descriptions for each position involved in the performance of activities that affect quality."

LANL NNWSI QAPP Rev. 2, Section 2.0 Quality Assurance Program Para. 2.4.1, "The minimum requirements for formal education and experience are established and documented in NNWSI position descriptions for personnel performing and verifying activities that affect quality."

10 Recommended Actions ( continued )

descriptions became a project requirement.

**14. Remedial/Investigative Action(s)**

TWS-QAS-QP-02.2, R0, Procedure for Personnel Training, will address position descriptions for individuals performing or verifying activities that affect quality. This procedure is scheduled for issuance by January 1989.

The QAS group was using many of the same personnel on 3/9/87 as now and can readily evaluate the impact on quality of activities conducted since that date.

**16. Cause of Condition and Corrective Action to Prevent Recurrence**

**Cause:** The LANL YMP management considered the available completed documentation to be adequate for addressing the position description requirements. Upon independent audit, this was found not to be the case.

**Corrective Action:** Develop, issue, and implement procedure. By 1/27/89, train all staff who perform activities affecting quality. A survey will be performed to determine if the lack of position descriptions had any adverse effects on the Project. The survey will be performed and results reported by 4/28/89.

March 3, 1989

**14. Remedial/Investigative Action(s)**

TWS-QAS-QP-02.2, R0, Procedure for Personnel Training, will address position descriptions for individuals performing or verifying activities that affect quality. This procedure is scheduled for issuance by January 1989.

The QAS group was using many of the same personnel on 3/9/87 as now and can readily evaluate the impact on quality of activities conducted since that date.

**16. Cause of Condition and Corrective Action to Prevent Recurrence**

Cause: The LANL YMP management considered the available completed documentation to be adequate for addressing the position description requirements. Upon independent audit, this was found not to be the case.

Corrective Action: QP-02.1, Procedure for Personnel Selection, Indoctrination, and Qualification, and QP-02.2, Procedure for Personnel Training, were issued on 12/20/88 and 2/20/89, respectively, and training began at LANL LV on February 17, 1989. The training will be completed by March 31, 1989, for the remainder of the staff.

A survey of the LANL LV office will be conducted on March 17, 1989, to ensure that position descriptions are complete and satisfactory. The remainder of LANL will be surveyed by April 14, 1989, to ensure completeness of position descriptions, required by QP-02.1.