



## Department of Energy

Nevada Operations Office  
P. O. Box 98518  
Las Vegas, NV 89193-8518  
SEP 26 1989

WBS #1.2.9.3  
QA

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Technical Project Officer for Yucca Mountain Project  
Los Alamos National Laboratory  
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Los Alamos, NM 87545

VERIFICATION OF COMMITTED CORRECTIVE ACTION FOR STANDARD DEFICIENCY REPORT  
(SDR) 196 RESULTING FROM YUCCA MOUNTAIN PROJECT OFFICE QUALITY ASSURANCE (QA)  
AUDIT 88-021 OF LOS ALAMOS NATIONAL LABORATORY (NM1-1989-3620)

Be advised that the effective date for the completion of the committed corrective action to SDR 196 has passed with the corrective action remaining incomplete. This renders the verification as unsatisfactory and is hereby rejected. Please provide a new completion date within ten (10) working days from the date of issue of this letter. The specific details are as stated below:

### SPECIFIC DETAILS OF CORRECTIVE ACTIONS DETERMINED UNSATISFACTORY

All implementing procedures for a qualified QA program have not been issued to date. Corrective action incomplete.

Verification of completion of your corrective action will be performed after the new effective date to be provided. Any subsequent failure to comply with the due date provided will result in elevation of the matter to the appropriate management for action. A copy of the SDR is enclosed for your information.

If you have any questions, please contact James Blaylock of my staff at (702) 794-7913 or FTS 544-7913, or Ken M. Wolverton of Technical and Management Support Services at (702) 794-7189 or FTS 544-7189.

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

YMP:JB-6019

Enclosure:  
SDR 196

8910030172 890926  
PDR WASTE  
WM-11 PDC

FULL TEXT ASCII SCAN

Add: JKennedy

WM-1  
102.5  
NHOE

## WMPO STANDARD DEFICIENCY REPORT

N-QA-038  
3/87

Completed by Originating QA Organization	1 Date 9/22/88		2 Severity Level <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3		Page 1 of 2	
	3 Discovered During Surveillance YMP-SR-88-021		3a Identified By T. Noland E. Ripley		3b Branch Chief Concurrence Date	
	4 SDR No. 196		Rev. 0			
	5 Organization Los Alamos		6 Person(s) Contacted See Page 2		7 Response Due Date is 20 Working Days from Date of Transmittal	
Completed by Organization in Block 5	8 Requirement (Audit Checklist Reference, if Applicable) Los Alamos QAPP, LANL-NNWSI-QAPP, Rev. 2, Section 5.1, "General," states, "Activities affecting quality are prescribed by and performed in accordance with documented instructions, procedures, plans, or drawings, which are					
	9 Deficiency Los Alamos does not have approved procedures in place to cover the following Integrated Data System quality affecting activities:					
	10 Recommended Action(s): <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Investigative <input checked="" type="checkbox"/> Corrective Identify the actions to be taken to correct the deficiency in Block 9.					
	11 QAE/Lead Auditor Date T.W. Noland 10/21/88		12 Branch Manager Date E. Ripley 10/21/88		13 Project Quality Mgr. Date Royce M. Wolf 10/21/88	
Completed by Organization in Block 5	14 Remedial/Investigative Action(s)  Refer to Page 3				15 Effective Date 5/1/89	
	16 Cause of the Condition & Corrective Action to Prevent Recurrence  Refer to Page 3				17 Effective Date 5/1/89	
	18 Signature/Date H. P. Jones 12/20/89					
	19 Response <input checked="" type="checkbox"/> Accept <input type="checkbox"/> Amended Response <input type="checkbox"/> Reject		QAE/Lead Auditor/Date T.W. Noland 1/27/89		Branch Manager/Date E. Ripley 1/27/89	
Comp. by Orig. QA Org.	20 Amended Response <input checked="" type="checkbox"/> Accept <input type="checkbox"/> Amended Response <input checked="" type="checkbox"/> Reject 3/3/89 Response, Pg 4		QAE/Lead Auditor/Date * T.W. Noland 4/27/89		Branch Manager/Date E. Ripley 4/28/89	
	21 Verification <input type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory		QAE/Lead Auditor/Date		Branch Manager/Date	
	22 Remarks * A voluntary amended response was provided by Los Alamos to reflect corrective actions that would meet the ESA Title II design schedule. The 3/3/89 amended response is not acceptable because it does not include commitment dates for when training will be complete on the procedures to support IDS Title II design T.W. Noland 4/27/89					
	23 QA CLOSURE		QAE/Lead Auditor/Date		Branch Manager/Date	

ENCLOSURE



WMPO STANDARD DEFICIENCY REPORT  
CONTINUATION SHEET

N-QA-038  
10/86

SDR No. 196

Rev. 0

Page 2 of 2

TUN  
4/27/89

6 Persons contacted ( continued )

H. Nunes  
L. Maassen  
R. Crowley  
D. York

8 Requirement ( continued )

written according to LANL implementing procedures." In addition, Section 5.3, "Reviews," states, "Technical reviews of all instructions, procedures, plans, and drawings are performed by the originating organization per LANL implementing procedures before their implementation. Before instructions, procedures, plans, and drawings can be implemented, they must all be reviewed by the QA organization (per LANL implementing procedures) to ensure that they meet all requirements of the QAPP.

9 Deficiency ( continued )

- o Design reviews
- o Control of design input including changes to design input
- o Interface control
- o Trending of deficiencies

SDR 196

14. Remedial/Investigative Action(s)

LANL had not fully implemented the YMP/88-9, QA Plan. The procedures noted in Block 9 of the SDR are required for the LANL QAPP. The procedures are being prepared as part of the LANL qualified program effort. The procedures for design review, control of design input and changes, and interface control for the IDS function are complete and were issued to you on December 14, 1988, as part of a LANL controlled manual distribution. The trending procedure will be issued by May 1, 1989, as part of the LANL qualified program effort.

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

The root cause was determined to be lack of a fully implemented LANL QAPP. LANL will complete all required procedures to fully implement the YMP/88-9, QA Plan by May 1, 1989, as a part of the effort to achieve a fully qualified program.

March 3, 1989

*Amended Response*

14. Remedial/Investigative Action(s)

QAPP, R4.3, which is compatible with 88-9, R2, will be issued by controlled distributed, with training scheduled in March 1989.

The approved procedures to support IDS Title II design are QP-03.14, Procedure for Submittal of Design Input for the Exploratory Shaft Facility, and QP-03.15, Los Alamos Test Manager's Office Design and Interface Controls. The procedures for direct IDS control, QP-03.6, Procedure for IDS Design Interface and Control, and QP-03.8, Procedure for IDS Technical Assessment Review, were previously issued as detailed technical procedures (DP). They will be reissued on March 24, 1989, as QPs. All four procedures will be subject to the training requirements of QP-02.2, Procedures for Personnel Training.

The trending procedure will be completed by May 1, 1989. This completion date does not affect the start of any LANL Title II activity.

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

The root cause was determined to be lack of a fully implemented LANL QAPP. LANL will complete all required procedures to fully implement the YMP/88-9, QA Plan by May 1, 1989, as a part of the effort to achieve a fully qualified program.

5  
10/11/89  
6-2-89

## 14. Remedial/Investigative Action(s)

QAPP, R4.3, which is compatible with 88-9, R2, will be issued by controlled distributed, with training scheduled in March 1989.

The approved procedures to support IDS Title II design are QP-03.14, Procedure for Submittal of Design Input for the Exploratory Shaft Facility, and QP-03.15, Los Alamos Test Manager's Office Design and Interface Controls. The procedures for direct IDS control, QP-03.6, Procedure for IDS Design and Interface Control, and QP-03.8, Procedure for IDS Technical Assessment Review, were previously issued as detailed technical procedures (DP). They will be reissued on June 15, 1989 as QPs. All four procedures will be subject to the training requirements of QP-02.2, Procedure for Personnel Training.

The trending procedure (currently in review stage) will be completed by June 15, 1989.

## 16. Cause of the Condition and Corrective Action to Prevent Recurrence.

The root cause was determined to be lack of a fully implemented LANL QAPP. LANL will issue and hold training for all required procedures to fully implement the YMP/88-9, QA Plan by June 15, 1989, as a part of the effort to achieve a fully qualified program. Training will be conducted in accordance with QP-02.2, Procedure for Personnel Training.

20	Amended RESPONSE	<input checked="" type="checkbox"/> Accept <input type="checkbox"/> REJECT	5/12/89 RESPONSE PAGES	QAF/LEAD AUDITOR DATE Donald Harris 6-2-89	BRANCH MANAGER DATE Y.W. Noland 6/2/89	
22	REMARKS	SECOND AMENDED RESPONSE DATED 5-12-89 ACCEPTED 6-2-89				

SEP 26 1989

cc w/encl:

Ralph Stein, HQ (RW-30) FORS

Dwight Shelor, HQ (RW-3) FORS

S. W. Zimmerman, NWPO, Carson City, NV

J. E. Kennedy, NRC, Washington, DC

J. W. Gilray, NRC, Las Vegas, NV

H. E. Valencia, LAAO

J. W. Hines, NWQA, AL

A. R. Chernoff, MSD, AL

H. P. Nunes, LANL, Los Alamos, NM

J. J. Brogan, SAIC, Las Vegas, NV, 517/T-12

J. H. Nelson, SAIC, Las Vegas, NV, 517/T-04

J. W. Estella, SAIC, Las Vegas, NV, 517/T-08

G. P. Fehr, SAIC, Las Vegas, NV, 517/T-12

V. D. Hedges, SAIC, Las Vegas, NV, 517/T-06

A. L. Temple, SAIC, Las Vegas, NV, 517/T-38

D. C. Roper, SAIC, Las Vegas, NV, 517/T-08

T. W. Noland, W, Las Vegas, NV, 517/T-06

R. J. Bahorich, W, Las Vegas, NV, 517/T-12

K. M. Wolverton, Harza, Las Vegas, NV, 517/T-08