



Department of Energy

Yucca Mountain Project Office
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WBS 1.2.9.3
QA

NOV 09 1990

Thomas E. Blejwas
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for Yucca Mountain Project
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P.O. Box 5800
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Albuquerque, NM 87185

ACCEPTANCE OF RESPONSE TO STANDARD DEFICIENCY REPORT (SDR) 573, REVISION 0,
RESULTING FROM YUCCA MOUNTAIN PROJECT OFFICE (PROJECT OFFICE) QUALITY
ASSURANCE (QA) AUDIT 90-04 OF SANDIA NATIONAL LABORATORIES (SNL)

The Project Office QA staff has evaluated and accepted your response to
SDR 573, Revision 0, generated as a result of Project Office QA Audit 90-04
of SNL. The SDR will be closed after verification of satisfactory completion
of the specified corrective actions. A copy of the SDR is enclosed for your
information.

Verification of completion of your corrective action will be performed after
the effective dates that were provided. Any extension to these due dates
must be requested in writing with appropriate justification prior to the due
date. Please send copies of the extension request to Nita J. Brogan, Science
Applications International Corporation, 101 Convention Center Drive,
Las Vegas, Nevada 89109.

If you have any questions, please contact either Catherine E. Hampton at
(702) 794-7973 or FTS 544-7973 or Richard E. Powe at (702) 794-7749 or
FTS 544-7749 of the Yucca Mountain Project QA staff.

James Blaylock for
Donald G. Horton, Director
Quality Assurance
Yucca Mountain Project Office

QA:CEH-773

Enclosure:
SDR 573, Revision 0

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PDR WASTE PDC
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Thomas E. Blejwas

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cc w/encl:

K. R. Hooks, NRC, Washington, DC 
S. W. Zimmerman, NWPO, Carson City, NV
R. R. Richards, SNL, 6319, Albuquerque, NM
N. J. Brogan, SAIC, Las Vegas, NV, 517/T-08

cc w/o encl:

J. H. Hines, OGD, AL
J. W. Gilray, NRC, Las Vegas, NV

YMPO STANDARD DEFICIENCY REPORT

N-QA-038
4/89

Completed by Originating QA Organization	1 Date 8/24/90		2 Severity Level <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3		Page 1 of 2
	3 Discovered During Audit 90-04		3a Identified By R.Powe & E.Cocoros		4 SDR No. 573 Rev. 0
	5 Organization SNL		6 Person(s) Contacted R. Sandoval		7 Response Due Date is 20 Working Days from Date of Transmittal
	8 Requirement (Audit Checklist Reference, if Applicable) 1. SNL QAP 2-3, Revision A, Paragraph 4.1.4 states in part, "The Work Plan shall have 13 sections (with appropriate subsections) as follows:				
	9 Deficiency Finding: SNL Work Plans (WPs) were not processed in accordance with governing procedures and WPs do not identify all procedures applicable to the work.				
Completed by Organization in Block 5	10 Recommended Action(s): <input checked="" type="checkbox"/> Remedial <input type="checkbox"/> Investigative <input checked="" type="checkbox"/> Corrective Identify the remedial action(s) to be taken to correct the deficiencies noted in Block 9. Identify the cause of the condition and the planned				
	11 QAE/Lead Auditor/Date <i>S. Davis 9/7/90</i>		12 Division Manager/Date <i>N/A</i>		13 Project Quality Mgr./Date <i>W. H. Sandoval 9/7/90</i>
	14 Remedial/Investigative Action(s) Investigation of the deficiency identified in "Discussion 1" has determined that the SDR referenced procedure (i.e. QAP 2-3, Rev. A was superseded and DOP 2-3, Rev. A was the governing procedure, it was issued 11-15-89). The current procedure DOP 2-3, Rev. A does identify 5 sections in the make-up of Work Plans (WPs). The WPs currently in effect appear to meet this requirement. No further action is (Continued)				
	15 Effective Date 10-31-90				
	16 Cause of the Condition & Corrective Action to Prevent Recurrence The cause of the condition involved inattention to details by the preparers and approvers; and by expediting completion, inadequate time for thorough preparation and review was encountered. Corrective Action: PCA 4.0-Design Support and Reviews and PCA 5.0-ESF (Continued)				
Comp. by Orig. QA Org.	17 Effective Date 8-29-90				
	18 Signature/Date <i>Thomas S. Sandoval 10-12-90</i>				
	19 Response Accepted	QAE/Lead Auditor/Date <i>R.E. Powe 11/1/90</i>	Division Manager/Date <i>N/A</i>	Project Quality Mgr./Date <i>W. H. Sandoval 11/1/90</i>	
	20 Corrective Action Verif. Satisfactory	QAE/Lead Auditor/Date	Division Manager/Date	Project Quality Mgr./Date	
	21 Remarks				
22 QA CLOSURE	QAE/Lead Auditor/Date	Division Manager/Date	PQM/Date		

YMPO STANDARD DEFICIENCY REPORT
CONTINUATION SHEET

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SDR No. 573

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8 Requirement (continued)

7. Quality Assurance Requirements

- A. QA Level Assignments
- B. Applicable SNL QA Procedures, DOPs, and QAPs"

2. SNL-NWRT-QAPP, Revision E, Paragraph 5.2 states, "Principal Investigators are individually responsible for ensuring that they have obtained approved documentation to perform their assigned tasks prior to initiation of those tasks. Instructions, procedures, and drawings (if applicable) will be used at the work location.

9 Deficiency (continued)

Discussion:

1. QAP 3-2, Revision A, requires that WPs have 13 sections. WP 12611, Revision 0 and other 1990 WPs have only 5 sections (Refer to Requirement 1), i.e. SNL changed the format of WPs without revising the governing QAP 2-3 procedure. (Refer to Requirement 2).
2. Neither WP 12611 (PCA's 4 and 5) nor the WP 12611, "Grading Report" identify DOP 3-4, "Design Investigation Control" as an applicable procedure. (Refer to Requirement 1).

10 Recommended Actions (continued)

action to prevent recurrence.

Block 14 Remedial Actions (Continued):

considered necessary. Attachment 1 documents the transmittal of DOP 2-3 to YMP and the superseding of QAP 2-3.

Remedial Actions for the deficiency identified in "Discussion item 2" include issuing for approval a revised QA Grading Report and a QA Control Specification Record. These documents will be generated following current procedures (i.e., SNL-QAIP 2-10 and YMP-AP5.28Q). Reference to QAIP 3-4 as appropriate will be made, and a complete review of the Grading Report/Specification Record revision will be performed. The effective date for completing the deficiency identified in "Discussion item 2" is 10-31-90.

Block 16 Corrective Actions (Continued):

Alternative Study. QA records indicate, without exception, that the parties implementing the work described in the subject Work Plan Subtasks, understood that DOP 3-4 (now QAIP 3-4) was applicable in defining the required controls for implementation of the work. (DIMs 240, 241, 242, 243, 244, 245, 249, 250, and 253 were issued for PCA 5.0 and DIM 251 for PCA 4.0). No Corrective Action to Prevent Recurrence is considered to be necessary; a survey of several other Work Plans revealed that the Grading packages were complete and correct with respect to design control.

SNL DEPARTMENT 6310 RECORDS CENTER
CONTROLLED DOCUMENT
TRANSMITTAL / ACKNOWLEDGMENT FORM

Date: 09/05/89

To: Wilmot, E. L.

Org: DOE/YMPO

From: SNL Department 6310 Records Center, Div. 6316

Document ID: DOP 02-03

Document Title: Work Plans

Revision: 0 Document date: 08/09/89 Number of pages: 23

Control number: 00046

Summary: This document was previously issued as QAP 2-3, and replaces same.

Special Directions: Superseded documents should be discarded or prominently marked as "Superseded by DOP 2-3, Revision 0."

I have performed the above action(s) and, if applicable, superseded portions have been discarded or marked "Superseded" and placed in a separate location.

I have verified that the document received is the document described on the transmittal form, in terms of content and number and order of pages, and have notified the sender of any discrepancies.

Signature: Ally Mesuda Date: 9/25/89

Please return this form by 09/22/89 to:

SANDIA NATIONAL LABORATORIES
Department 6310 Records Management Staff
Div. 6316, Bldg. 823, Rm. 4025
Albuquerque, NM 87185

Thank you.