



Department of Energy

Nevada Operations Office

P. O. Box 98518

Las Vegas, NV 89193-8518

DEC 21 1989

WBS 1.2.9.3

QA

Robert F. Pritchett
Technical Project Officer for Yucca Mountain Project
Reynolds Electrical &
Engineering Co., Inc.
P.O. Box 98521
Las Vegas, NV 89193-8521

ACCEPTANCE OF RESPONSE TO STANDARD DEFICIENCY REPORT (SDR) 455, REVISION 0,
RESULTING FROM YUCCA MOUNTAIN PROJECT OFFICE (PROJECT OFFICE) QUALITY
ASSURANCE (QA) AUDIT 89-05 OF REYNOLDS ELECTRICAL & ENGINEERING CO., INC.
(REECO)

The Project Office QA staff has evaluated and accepted your response to
SDR 455, Revision 0, generated as a result of Project Office QA Audit 89-05 of
REECO. 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 Juanita J. Brogan, Science
Applications International Corporation, 101 Convention Center Drive,
Las Vegas, Nevada 89109, and Ralph W. Gray, U.S. Department of Energy,
P.O. Box 98518, Las Vegas, Nevada 89193.

If you have any questions, please contact James Blaylock of my staff at
794-7913, or Amelia I. Arceo of SAIC at 794-7737.

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

YMP:JB-1301

Enclosure:
SDR 455, Revision 0

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PDR WASTE
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YMPO STANDARD DEFICIENCY REPORT

N-QA-038
4/89

Completed by Originating QA Organization	1 Date 9/27/89		2 Severity Level <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3		Page 1 of 2	
	3 Discovered During Audit 89-5		3a Identified By A.I. Arceo & C.E. Hampton		4 SDR No. 455 Rev. 0	
	5 Organization REECO		6 Person(s) Contacted M. Fox, Steve Straub		7 Response Due Date is 20 Working Days from Date of Transmittal	
	8 Requirement (Audit Checklist Reference, If Applicable) CL #6-1 & 6-4 NNWSI Project QA Plan/88-9, Revision, Section VI, Para. 1.2, states in part: "Implementation of Document Control shall provide for the following: a master					
Completed by Organization in Block 5	9 Deficiency a) Contrary to the above cited requirements: 1. The master list of project controlled documents (dtd 8/23/89) did not					
	10 Recommended Action(s): <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Investigative <input checked="" type="checkbox"/> Corrective 1. Remedial - Include the listed LS-SP-IP-001 and LS-SP-IP-003 procedures on the master list of controlled documents.					
	11 QAE/Lead Auditor/Date <i>William H. Camp</i> 10/5/89		12 Division Manager/Date <i>Robert Seligson</i> 10-5-89		13 Project Quality Mgr./Date <i>James Blaylock</i> 10/6/89	
Comp. by Orig. QA Org.	14 Remedial/Investigative Action(s) (see attached response)				15 Effective Date 9/22/89	
	16 Cause of the Condition & Corrective Action to Prevent Recurrence				17 Effective Date 12/15/89	
	18 Signature/Date <i>Steve Straub</i> 11/8/89					
Comp. by Orig. QA Org.	19 Response Accepted	QAE/Lead Auditor/Date <i>Amelia J. Green</i> 12/11/89	Division Manager/Date <i>J. Deane</i> 12/14/89	Project Quality Mgr./Date <i>Cathie...</i> 12/12/89		
	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

N-QA-038
12/88

SDR No. 455

Rev. 0

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8 Requirement (continued)

list or equivalent to identify the correct and updated revisions of documents."

a) QP 6.0, Rev. 5

6.3.2 The PQAM shall develop and maintain a master list of the project's controlled documents. The list shall identify the current revision of controlled documents issued for QA Level I & II activities.

b) QP 5.3, Rev. 0

6.4.5 After resolution of all comments, the procedure is prepared in final form by the responsible person who shall obtain final review and approval from the department manager and the PQAM.

9 Deficiency (continued)

include all controlled documents in existence.

2. QP 6.0, Rev. 5 does not provide a mechanism for QA to be notified of controlled documents generated within departments.

b) Implementing procedure (LS-SP-IP-001, Rev. 0 dtd 7/20/89, LS-SP-IP-003, Rev. 0 dtd 9/18/89) were not approved by the PQAM. Implementing procedures are currently being reviewed by QA but are not being presented to QA in finalized form for approval. These procedures were not implemented to date.

10 Recommended Actions (continued)

2. Investigative - Verify if there are other controlled documents issued and add them to the master list of controlled documents.

3. Corrective - Revise the affected implementing procedures to include a mechanism for QA to be notified when controlled documents are generated and issued.

4. Corrective - Inform other departments of the above requirements.



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IN REPLY REFER TO:

RESPONSE TO SDR 455 OF DOE AUDIT 89-05

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Procedures LS-SP-IP-001 and LS-SP-IP-003 have been added to the master list of controlled documents.

A departmental investigation was conducted to determine if there were other controlled documents missing from the master list. No others were found to exist.

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09-22-89

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The cause of the deficiency was a lack of understanding of the requirements contained in Quality Procedure QP 6.0, Document Control, and a lack of a mechanism for notifying Project Quality Assurance when controlled documents are generated and issued.

CORRECTIVE ACTION-- An Interim Change Notice will be prepared for QP 6.0 to include the requirement to notify QA when controlled documents are issued so that they may be added to the master list. Training to the ICN will be conducted for appropriate departmental personnel.

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12-15-89

REECO

AN  **EBC** COMPANY

Robert F. Pritchett

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DEC 21 1989

cc w/encl:

Ralph Stein, HQ (FW-30) FORS
D. E. Shelor, HQ (FW-3) FORS
M. A. Fox, REEC0, Las Vegas, NV
A. I. Arceo, SAIC, Las Vegas, NV, 517/T-06
J. J. Brogan, SAIC, Las Vegas, NV, 517/T-22
S. R. Dana, SAIC, Las Vegas, NV, 517/T-06
J. H. Nelson, SAIC, Las Vegas, NV, 517/T-04
Cynthia Robertson, SAIC, Las Vegas, NV 517/T-22
S. W. Zimmerman, NWFO, Carson City, NV
J. E. Kennedy, NRC, Washington, DC

cc w/o encl:

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