



Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 98608
Las Vegas, NV 89193-8608

MAY 03 1996

L. Dale Foust
Technical Project Officer
for Yucca Mountain
Site Characterization Project
TRW Environmental Safety Systems, Inc.
Bank of America Center, Suite P-110
101 Convention Center Drive
Las Vegas, NV 89109

EVALUATION OF AMENDED RESPONSE TO AND VERIFICATION OF CORRECTIVE
ACTION AND CLOSURE OF DEFICIENCY REPORT (DR) YMQAD-95-D015 RESULTING
FROM OFFICE OF QUALITY ASSURANCE SUPPLIER AUDIT OQA-SA-95-004
(SCPB: N/A)

The Yucca Mountain Quality Assurance Division (YMQAD) staff has
evaluated the amended response and verified the corrective action to
DR YMQAD-95-D015 and determined the results to be satisfactory. As a
result, the DR is considered closed.

If you have any questions, please contact either Robert B. Constable
at 794-5580 or Richard L. Maudlin at 794-1302.

Richard E. Spence, Director
Yucca Mountain Quality Assurance Division

YMQAD:RBC-1634

Enclosure:
DR YMQAD-95-D015

cc w/encl:

T. A. Wood, HQ (RW-14) FORS
J. G. Spraul, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
R. L. Strickler, M&O, Vienna, VA
M. J. Clevenger, M&O/LANL, Los Alamos, NM
N. Z. Elkins, M&O/LANL, Las Vegas, NV
R. P. Ruth, M&O, Las Vegas, NV
Records Processing Center

cc w/o encl:

W. L. Belke, NRC, Las Vegas, NV
R. L. Maudlin, YMQAD/QATSS, Las Vegas, NV
D. G. Sult, YMQAD/QATSS, Las Vegas, NV

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PDR WASTE PDR
WM-11

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

8 Performance Report
 Deficiency Report
NO. YMQAD-95-D-015
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document: Simco Quality Assurance Manual dated 7/27/94	2 Related Report No. OQA-SA-95-004
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3 Responsible Organization: LANL/Simco Electronics	4 Discussed With: Jan Smith and Carl Quinn
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5 Requirement/Measurement Criteria:

Simco's QA procedure, QA-112, dated 1/21/94, Paragraph 3.0 states,

SIMCO USES ANS/ASME NQA-1-1989 2S-3, 'Supplementary requirements for the qualification of quality assurance audit personnel, and 2A-3-nonmandatory guidance on the education and experience of lead auditors.'

6 Description of Condition:

Contrary to the above requirement, Simco Electronics has qualified Jan Smith and Carl Quinn as lead auditors. Documentation provided does not support these two individuals as qualified lead auditors.

Carl Quinn's documentation, dated 9/20/90, signed by L. M. Kenna, CEO, shows no examination, five audits not done in the last three years, and no annual evaluations.

Jan Smith's documentation, dated 3/15/94, signed by C. Quinn - credits given do not meet the minimum requirements, no specific audits listed, and no examination identified.

It is noted that these individuals have performed internal Simco Electronics audits.

7 Initiator <i>S. R. Maslar</i> Stephen R. Maslar Date 09/15/95	9 QA Review <i>S. R. Maslar</i> OAR Stephen R. Maslar Date 09/15/95
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10 Response Due Date 20 Working Days After Issuance	11 QA Issuance Approval OAR (PRI)/AOQAM (DRI) <i>R. [Signature]</i> Date 9/19/95
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12 Remedial Actions:

SIMCO'S QA procedure, QA-112, will be revised TO DELETE THE OVER-RESTRICTIVE ANS/ASME NQA-1-1989 2S-3 AND 2A-3 REQUIREMENT

13 Remedial Action Response By: <i>M. J. CLEVENGER</i> Date 11 OCT. 95	14 Remedial Action Due Date Date 15 JAN 95
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15 Remedial Action Response Acceptance OAR <i>N/A</i> Date	16 PR Verification/Closure <i>N/A</i> Date 09/24/96
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DEFICIENCY REPORT

17 Recommended Actions:

1. Correct deficiencies identified in Block 6 of this deficiency report.
2. Determine corrective action to preclude recurrence.

18 Investigative Actions:

N/A

19 Root Cause Determination:

N/A

20 Action to Preclude Recurrence:

COMPLETION OF REMEDIAL ACTION WILL PRECLUDE RECURRENCE.

21 Response by:

M.J. CLEVENGER Date 11 Oct. 95

22 Corrective Action Completion Due Date:

JAN. 15, 1995

23 Response Accepted

QAR *S. R. Miller* Date 10/17/95

24 Response Accepted

AQQAM *RBC Constable* Date 10-27-95

25 Amended Response Accepted

QAR _____ Date _____

26 Amended Response Accepted

AQQAM _____ Date _____

27 Corrective Actions Verified

QAR *RBC Constable* Date 09/22/96

28 Closure Approved by:

AQQAM *RBC Constable* Date 5.2.96

YMQAD - 95 - D - 015 -

ACTION TO DELETE OVERLY RESTRICTIVE
REQUIREMENTS FOR LEAD AUDITOR QUALIFICATIONS
IS ACCEPTABLE BASED ON THE WORKSCOPE
(CALIBRATION SERVICES) AND OQA PERFORMING
FORMAL AUDITS AS NEEDED.

S. R. Madan

10/26/95

W. W. [Signature]

10/26/95

simco
electronics

352 MARTIN AVENUE • SANTA CLARA, CA 95050
TELEPHONE (408) 727-3811
FAX (408) 727-4084

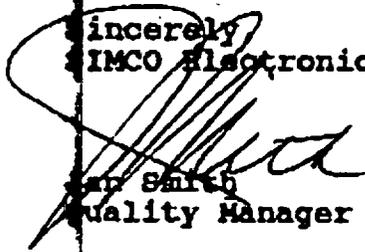
March 14, 1996

Los Alamos National Laboratory
RES-13, MS J521
Los Alamos, NM 87545

Ref: OQA-SA-95-004 Deficiency Report

In response to the above referenced deficiency report, we respectfully submit QA 112 para. 3.0 and related revised auditor qualification form dated 12/1/95. This revision of section 3.0 and the related form more appropriately reflects our policy for qualifying auditors who will perform our internal audits to verify our conformance to our own Quality Program than did the policy and form dated 1/21/94.

Sincerely,
SIMCO Electronics


Dan Smith
Quality Manager

THE STANDARD FOR QUALITY SERVICE

detlor 9 95-13-03-96-997

SIMCO	QUALITY ASSURANCE STANDARDS & POLICIES	Effective Date 1-3-83	Number QA-112
		Page 1 of 3	Revision 12-1-95

SUBJECT AUDITS**1.0 PURPOSE**

To describe the internal audit program used by SIMCO to verify conformance to requirements.

2.0 SCOPE

All phases of the SIMCO operation that relate to its documented Quality Program are subject to audit.

3.0 GENERAL

Audits are performed to determine by investigation and evaluation the degree to which practice conforms to requirements of the Quality Program.

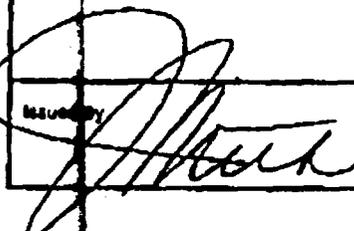
Audits are performed using check lists of control factors derived from the SIMCO Quality Assurance Manual.

The SIMCO Quality Manager is responsible for the Quality Program and may assign audit responsibility to the laboratory managers. A manager will not be assigned to audit within their responsible area.

The audits may also be performed by a third party auditor. An outside Quality auditor may be contracted providing the auditor is qualified to SIMCO criteria. Lead auditor qualifications follow guidelines similar to those in ASME-NQA-1-1994 and as appropriate to our industry.

4.0 AUDIT SCHEDULE

The Quality Assurance Program is subject to annual audits. The audit schedule is planned at the beginning of each year to show those areas that will be audited each month and to assure that all of the areas are audited in the specified cycle. The audit of the QA-106 section is intended to be a vertical audit of all facets of the SIMCO Instrument Quality Assurance Program. See Appendix I, Figure 26, Quality Assurance Internal Audit Schedule form SF-QA-0118, 12/95.

Issued by 	Approved 	
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	QUALITY ASSURANCE STANDARDS & POLICIES APPENDIX I	Effective Date 6-1-91	Number
		Page 24 of 40	Revision 12-1-95

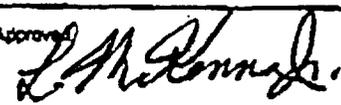


RECORD OF AUDITOR QUALIFICATION		Name	Date
EMPLOYER:			
			CREDITS
EDUCATION - University/Degree/Certificate/Training/Date		4 Credits Max.	
1. Undergraduate Level			
2. Graduate Level			
3. Audit Training Courses - Title or Topic/Date			
a.			
b.			
EXPERIENCE - Company/Dates		8 Credits Max.	
Technical (0-8 credits)			
Nuclear Industry (0-1 credit)			
Quality Assurance (0-2 credits)			
Auditing (0-4 credits)			
Other (0-3 credits)			
MANAGEMENT EXPERIENCE - Company/Title/Date (0-2 credits)		2 Credits Max.	
PROFESSIONAL ACCOMPLISHMENTS - Certificate/Date		2 Credits Max.	
1. P.E.			
2. Society			
AUDIT COMMUNICATION SKILLS		3 Credits Max.	
Verbal (0-3 credits)			
Written (0-3 credits)			
Total Credits:			
AUDIT PARTICIPATION			
	Location	Audit	Date
1.			
2.			
3.			
AUDITOR QUALIFICATION CERTIFIED BY: (Signature and Title)			Date Certified

FORM FOR RECORD OF AUDITOR QUALIFICATION

FIGURE 31

03-04015, 1978

Issued By 	Approved 	
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PR/DR CONTINUATION PAGE

EVALUATION OF AMENDED RESPONSE TO DR YMQAD-95-D015

Based on your amended response dated March 19, 1996, no further action on this DR is considered necessary. Since audits were not a requirement of the LANL purchase order 3426Q and 8694U, resolution of the condition adverse to quality identified in the subject DR would serve no purpose.

This DR is considered closed.


R.L. Maudlin

04/22/96
Date

3/16/96 945-2-22-96-1000

PACKAGE DIVIDER