



Department of Energy

Washington, DC 20585

QA: L

APR 29 1997

L. D. Foust, Technical Project Officer
for Yucca Mountain Site
Characterization Project
TRW Environmental Safety Systems, Inc.
1180 Town Center Drive, M/S 423
Las Vegas, NV 89134

ISSUANCE OF DEFICIENCY REPORT (DR) YM-97-D-037 AND PERFORMANCE
REPORT (PR) YM-97-P-010 RESULTING FROM OFFICE OF QUALITY ASSURANCE
(OQA) SUPPLIER AUDIT OQA-SA-97-015

Enclosed are DR YM-97-D-037 and PR YM-97-P-010 generated as a result of OQA Supplier
Audit OQA-SA-97-015.

Please provide responses to these deficiencies that meet the applicable requirements of
Administrative Procedure 16.1Q, Performance/Deficiency Reporting. Send the originals
of your responses to Deborah Sult, OQA/QATSS, P.O. Box 30307, Mail Stop 455,
North Las Vegas, Nevada 89036-0307. Responses to the DR and PR are due 20 working
days after the date of this letter. Extensions to due dates must be requested in writing, with
appropriate justification, prior to the due dates.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or
Daniel A. Klimas at (702) 794-1495.

R. W. Cal
for Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-1456

Enclosure:
DR YM-97-D-037 and
PR YM-97-P-010

9705070203 970429
PDR WASTE
WM-11 PDR



070023

*NH33%
102.7
WM-11*

Frcipi NMSS/HLUR

cc w/encl:

T. A. Wood, DOE/HQ (RW-55) FORS
J. O. Thoma, NRC, Washington, DC
S. W. Zimmerman, NWPO, Carson City, NV
B. R. Justice, M&O, Las Vegas, NV
R. A. Morgan, M&O, Las Vegas, NV

cc w/o encl:

W. L. Belke, NRC, Las Vegas, NV
D. A. Klimas, OQA/QATSS, Las Vegas, NV
D. G. Sult, OQA/QATSS, Las Vegas, NV
R. W. Clark, DOE/OQA, Las Vegas, NV

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

8 Performance Report
 Deficiency Report

NO. YM-97-D-037

PAGE 1 OF 2
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:

Sierra Instruments QA Manual, Revision F

2 Related Report No.

OQA-SA-97-015

3 Responsible Organization:

M&O / Sierra Instruments

4 Discussed With:

Hein Bongardt / Charlie Bartley

5 Requirement/Measurement Criteria:

Sierra Instruments Quality Assurance Manual, Revision F, Paragraph 4.6.3, states, "Purchase orders include provisions for the following: (e) Quality requirements. (h) Provisions for applying applicable technical and quality requirements to sub-tier suppliers."

6 Description of Condition:

Contrary to the above requirements, Sierra Instruments has not included quality requirements in purchase orders for sub-tier suppliers (i.e., PO #Q2583 dated 12/18/96, Simco Electronics).

7 Initiator

Daniel A. Klimas *[Signature]* 4/17/97

9 Is condition an isolated occurrence?

Yes No Unknown; Must be Yes if PR

10 Recommended Action: (Not required for PR)

- 1) Investigate to determine extent of the deficiency.
- 2) Amend purchase orders to include appropriate quality requirements.
- 3) Reinstruct those individuals involved in the development, review, and approval of purchase order documents to requirements.

11 QA Review:

QAR *[Signature]*

Date 4/24/97

12 Response Due Date

20 working days from issuance

13 Affected Organization QA Manager Issuance Approval: (QAR for PR)

Printed Name Donald G. Hester

Signature *[Signature]*

Date 4/28/97

22 Corrective Action Verified

QAR

Date

23 Closure Approved by: (N/A for PR)

AQAM

Date

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

PR/DR NO. YM-97-D-037

PAGE 2 OF 2

QA: L

PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

15 Extent of Condition: (Not required for PR)

16 Root Cause Determination: (Not required for PR)

Required Yes No

17 Action to Preclude Recurrence: (Not required for PR)

Required Yes No

18 Corrective Action Completion Due Date:

19 Response by:

Initial

Amended

Date

Phone

20 Response Accepted

QAR

Date

21 Response Accepted (N/A for PR):

AOQAM

Date

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

8 Performance Report
 Deficiency Report
NO. YM-97-P-010
PAGE 1 OF 2
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:

CRWMS M&O Purchase Order #AO2166JM7C

2 Related Report No.

OQA-SA-97-15

3 Responsible Organization:

CRWMS M&O / Sierra Instruments

4 Discussed With:

Hein Bongardt / Charlie Bartley

5 Requirement/Measurement Criteria:

PO #A02166JM7C, Section I, Part B, states, "The information specified below shall be included on the Calibration Certificate or in the submitted data package: (c) Name of the hardware calibrated. (h) Procedure or instruction and revision used to perform the calibration."

6 Description of Condition:

Contrary to the above requirements, this information, (c) and (h) was omitted from the Certificate of Calibration.

7 Initiator

Daniel A. Klimas

Date 4/17/97

9 Is condition an isolated occurrence?

Yes

No

Unknown; Must be Yes if PR

10 Recommended Action: (Not required for PR)

11 QA Review:

QAR

Daniel Klimas

Date 4/24/97

12 Response Due Date

20 working days from issuance

13 Affected Organization QA Manager Issuance Approval: (QAR for PR)

Printed Name

DANIEL KLIMAS

Signature

Daniel Klimas

Date

4/24/97

22 Corrective Action Verified

QAR

Date

23 Closure Approved by: (N/A for PR)

AOQAM

Date

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

PR/DR NO. YM-97-P-010

PAGE 2 OF 2

QA: L

PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

15 Extent of Condition: (Not required for PR)

16 Root Cause Determination: (Not required for PR)

Required Yes No

17 Action to Preclude Recurrence: (Not required for PR)

Required Yes No

18 Corrective Action Completion Due Date:

19 Response by:

Initial

Amended

Date

Phone

20 Response Accepted

QAR

Date

21 Response Accepted (N/A for PR):

AOQAM

Date