



Department of Energy

Washington, DC 20585

QA: L

APR 15 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

**VERIFICATION OF CORRECTIVE ACTION OF DEFICIENCY REPORT (DR)
YM-97-D-015 RESULTING FROM OFFICE OF QUALITY ASSURANCE (OQA)
SUPPLIER AUDIT OQA-SA-97-005 OF WESTINGHOUSE ELECTRIC CORPORATION**

The OQA staff has verified the corrective action to DR YM-97-D-015 and determined the results to be unsatisfactory because the verification identified that the actions as stated in the response had not been implemented.

Your response, indicating the appropriate corrective action completion date, is required to be submitted to this office within ten working days of the date of this letter. Send the original of your response to Deborah Sult, OQA/QATSS, P.O. Box 30307, Mail Stop 455, North Las Vegas, Nevada 89036-0307.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or Richard L. Maudlin at (702) 794-1302.

Donald G. Horton, Director
Office of Quality Assurance

OQA:JB-1333

Enclosure:
DR YM-97-D-015

- 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
- R. L. Maudlin, OQA/QATSS, Las Vegas, NV
- D. G. Sult, OQA/QATSS, Las Vegas, NV
- R. W. Clark, DOE/OQA, Las Vegas, NV

9704210239 970415
PDR WASTE
WM-11 PDR

210050



NH33/11
wm-11
102.7



Printed with soy ink on recycled paper

recip: NMSS/HLUR

ORIGINAL

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

8 Performance Report
 Deficiency Report
NO. YM-97-D015
PAGE 1 OF 24 ^{DS}
QA: L

PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document Westinghouse Electric Corp., Energy Services Div. QAM M65	2 Related Report No. OQA-97-SA-005
---	---------------------------------------

3 Responsible Organization: M&O/Westinghouse Electric Corp.	4 Discussed With: Greg Parker, John Janson, Gail Abend
--	---

5 Requirement/Measurement Criteria:
Westinghouse QAM, Section 6.01, paragraph 5.1 states in part: "All ESD functional departments who procure subcontracted services and materials for incorporation in the services that we supply to our customers shall: Evaluate and select subcontractors on the basis of their ability to meet subcontract requirements including this quality system and any quality assurance requirements."

6 Description of Condition:

See Page 3

7 Initiator <i>[Signature]</i> Date <u>12/06/96</u>	9 Is condition an isolated occurrence? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown; Must be Yes if PR
--	---

10 Recommended Action: (Not required for PR)

See Page 3

11 QA Review: QAR <i>[Signature]</i> Date <u>12/06/96</u>	12 Response Due Date 20 working days from issuance
--	---

13 Affected Organization QA Manager Issuance Approval: (QAR for PR) Printed Name Donald G. Horton	Signature <i>James Blaylock Jr</i>	Date <u>12/19/96</u>
--	------------------------------------	----------------------

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-D015

PAGE 2 OF 4300

QA: L 1/23/97

PERFORMANCE/DEFICIENCY REPORT RESPONSE

14 Remedial Actions:

Dick Munns QA program was evaluated based upon the requirements of both ANSI/NC SL Z540-1-1994 and ISO 100012-1 for equipment calibration under current contract requirements. It has been determined that ISO 10012-1 is equivalent to the requirements of ANSI/NC SL Z540-1-1994, and therefore determined that no adverse impacts exist. Program review results have been documented (See attached memorandum from Greg Parker to David Van Bibber, dated January 16, 1997).

15 Extent of Condition: (Not required for PR)

The extent of this condition is limited to this procurement and Dick Munns as the subcontracted vendor.

16 Root Cause Determination: (Not required for PR)

Required Yes No

Interview discussions with Greg Parker, WEC/ESD QA Manager, identified the Root Cause Determination as Code 3Ab, as prescribed in AP-16.4Q.

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

Required Yes No

See attached page Response is directed to resolve issues identified in Block 10, Recommended Action.

4 of 4 continuation page
DW 1/23/97

18 Corrective Action Completion Due Date:

03/03/97

19 Response by: David Van Bibber

Initial
 Amended

Date 01/23/97

Phone (702)295-5072

20 Response Accepted

QAR

Date

01/24/97

21 Response Accepted (N/A for PR):

KOQAM

Date

2/4/97

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

Performance Report
 Deficiency Report

NO. YM-97-D015

PAGE 3 OF 4 ^{1/22}
QA: L

PR/DR CONTINUATION PAGE

BLOCK 6, DESCRIPTION OF CONDITION, (continued)

A review of Westinghouse purchase orders LAED080-03 dated September 6, 1996, LAED945-03 dated May 15, 1996, and LAED933-03 dated April 30, 1996, revealed that the supplier (Dick Munns) was required to implement a program which satisfied the requirements of ANSI/NSCL Z-540-1-1994. In reviewing the calibration documentation received from Dick Munns by Westinghouse, there was no documented evidence that Dick Munns complied with the requirements of ANSI/NSCL Z-540-1-1994 in performing the requested calibrations.

NOTE: Dick Munns was audited in 1994 and is not redue for an audit by Westinghouse until March 1997. There is no documented evidence that Dick Munns QA program has been evaluated to determine if it meets the requirements of ANSI/NSCL Z540-1-1994.

BLOCK 10, RECOMMENDED ACTION, (continued)

- A. Take immediate action to evaluate Dick Munns QA program to determine if a program exists that complies with the requirements of ANSI/NSCL Z540-1-1994.
- B. If Dick Munns program does not meet the requirements, evaluate the impact of any calibrations required to be performed in accordance with ANSI/NSCL Z540-1-1994 to determine the effect on the services provided.
- C. If Dick Munns has a program which complies with ANSI-NSCL Z540-1-1994, request that this standard be made a reference in future certificates of calibration.
- D. Investigate and identify why these services were accepted without documentation to support that the requirements of the procurement document were met. Identify what action will be taken to prevent recurrence.
- E. Evaluate the extent of the condition noted in Block 6 to determine if similar conditions exist elsewhere.

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

8 Performance Report
 Deficiency Report

NO. YM-97-D015

PAGE 4 OF 4

QA: L

PR/DR CONTINUATION PAGE

Attachment to Block 17.

DR: YM-97-D015, Block 17 (continued) Response to Block 10, Recommended Actions.

A. Take action to evaluate Dick Munns QA program to determine if a program exists that complies with the requirements of ANSI/NCSL Z540-1-1994.

Response: Dick Munns QA program was evaluated based upon the requirements of both ANSI/NCSL Z540-1-1994 and ISO 10012-1 for equipment calibration under current contract requirements. It has been determined that ISO 10012-1 is equivalent to the requirements of ANSI/NCSL Z540-1-1994, and therefore determined that no adverse impacts exist.

Action to correct this condition will be take to modify the current contractual requirements with Dick Munns to allow for both, ANSI/NCSL Z540-1-1994 and ISO 10012-1 programs to be acceptable. Modification of this contract will be completed by March 3, 1997.

A Quality Assurance audit is scheduled to be performed at Dick Munns in March 1997. This audit will be performed to verify that work activities performed by Dick Munns comply with QA program requirements to include audit activities and subsequent documentation of corrective actions.

B. If Dick Munns' program does not meet the requirements, evaluate the impact of any calibrations required to be performed in accordance with ANSI/NCSL Z540-1-1994, to determine the effect on the services provided.

Response: Dick Munns' QA program was evaluated and results identified that no adverse programmatic impacts exist. Also, see item A above.

C. If Dick Munns has a program which complies with ANSI/NCSL Z540-1-1994, request that this standard be made a reference in future certificates of calibration.

Response: As presented in the response in item A, above, contract requirements will allow for the vendor to work in compliance with either QA program, to include ANSI/NCSL Z540-1-1994 and ISO 10012-1.

D. Investigate and identify why these services were accepted without documentation to support that the requirements of the procurement document were met. Identify what action will be taken to prevent recurrence.

Response: This issue was evaluated and results indicated that when the equipment returned from the vendor, the certificate of calibration identified that a "like" program was implemented for calibration. This was determined to be caused by an oversight on the part of individual who performed the receipt inspection. Action was taken to identify that the program, which the vendor implemented, was acceptable and the activity, for which the individual performed the receipt inspection, was corrected.

E. Evaluate the extent of the condition noted in Block 6 to determine if similar conditions exist elsewhere.

Response: A review of vendor documentation submittals was completed and results indicated that no other issues related to the identified deficiency exist.



Page 4A of 4
DR YM-97-D-015

Memorandum

Westinghouse Electric Corporation

7341 Lincoln Way
Garcon Grove, CA 92641
Tel: (714) 372-5600
Fax: (714) 372-5886

DATE: January 16, 1997
TO: David Van Bibber CRWMS M&O
FROM: Greg Parker
RE: Dick Munns Quality Program

Dear David;

1. Future purchase orders issued to sub vendors will contain a statement that all services rendered to Westinghouse must be in accordance with ANSI/NCSL Z540-1994-1 or ISO Guide 10012.
2. After a review of ISO Guide 10012, it was determined that the requirements set forth are equivalent to and may be substituted for ANSI/NCSL Z540-1994-1.
3. Dick Munns CO compliance with the requirements of ISO Guide 10012 will be verified during the re-audit of the Dick Munns CO in March 1997.