



QA: QA

Mark T. Peters, Manager  
Science & Engineering Testing  
Bechtel SAIC Company, LLC  
1180 Town Center Drive  
Las Vegas, NV 89144

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF DEFICIENCY REPORT  
(DR) BSC(V)-02-D-039 RESULTING FROM THE BECHTEL SAIC COMPANY, LLC (BSC)  
QUALITY ASSURANCE (QA) AUDIT BSC-SA-02-006 OF CAROLINA COMMERCIAL  
HEAT TREATING (CCHT)

BSC Quality Assurance has verified implementation of corrective action for DR BSC(V)-02-D-039 and determined the results to be satisfactory. As a result, the DR has been closed.

If you have any questions, please contact either Richard L. Maudlin at (702) 295-2961 or Daniel A. Klimas at (702) 295-2665.

A handwritten signature in black ink, appearing to read "D. T. Krisha".

Donald T. Krisha, Manager  
Quality Assurance

2/21/02  
Date Signed

RLM:bw-0220021552

Enclosure:  
DR: BSC(V)-02-D-039

WM-11  
NM5507

February 21, 2002

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cc:w/encl:

L. H. Barrett, DOE/HQ (RW-2) FORS  
L. W. Bradshaw, Nye County, Pahrump, NV  
J. R. Dyer, DOE/YMSCO, Las Vegas, NV  
W. J. Glasser, NQS, Las Vegas, NV  
S. H. Horton, BSC, Las Vegas, NV  
D. A. Klimas, BSC, Las Vegas, NV  
B. R. Kornegay/B.L. Wilson, BSC, Las Vegas, NV  
D. T. Krisha, BSC, Las Vegas, NV  
Robert Latta, NRC, Las Vegas, NV  
S. W. Lynch, State of Nevada, Carson City, NV  
Ram Murthy, DOE/OQA, Las Vegas, NV  
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cc: w/encl:

R. W. Andrews, BSC, Las Vegas, NV  
Carolyn Moyers, BSC/FANP, Las Vegas, NV  
Roxanna VanDillen, BSC, Las Vegas, NV

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

8. ☒ DEFICIENCY REPORT  
☐ CORRECTIVE ACTION  
REPORT

NO. BSC(V)-02-D-039

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DEFICIENCY/CORRECTIVE ACTION REPORT

1. Controlling Document:  
Carolina Commercial Heat Treating (CCHT) Quality Policy Manual.  
Revision 3

2. Related Report No..  
BSC-SA-02-006

3. Responsible Organization:  
BSC/ Carolina Commercial Heat Treating (CCHT)

4. Discussed With:  
M. Peters, BSC; G. Smith, CCHT

5. Requirement:

CCHT Quality Policy Manual, Section 4.18.2.3. states: Records of training are maintained.

6. Description of Condition:

Contrary to the above, no objective evidence could be provided to reflect that the CCHT Quality Manager had received training in his area of responsibility.

7. Initiator: *Richard L. Maudlin*  
Richard L. Maudlin *FOR* Date 12/13/01

9. Does a stop work condition exist? (Not required for a DR)  
☐ Yes ☒ No  
If Yes, Check One: ☐ A ☐ B ☐ C ☐ D

10. Recommended Actions:

Take the necessary action to document all required training for the Quality Manager.

Determine if condition had any affect on the heat treating work performed on Metal Samples Company specimens used on YMP orders.

11. QA Review: *Richard L. Maudlin*  
QAR Richard L. Maudlin *FOR* Date 12/13/01

12. Response Due Date:  
20 Working Days From Issuance

13. DOQA Issuance Approval:

Printed Name Donald T. Krishna

Signature *Donald T. Krishna* Date 12/14/01

22. Corrective Actions Verified:

QAR *Richard L. Maudlin* Date 02/14/02

23. Closure Approved by:

*Donald T. Krishna* Date 2/21/02

## TYPE RESPONSE

- ☒ Initial  
☒ Complete  
☐ Amendec

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DR/CAR NO. BSC(V)-02-D-039

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## DEFICIENCY/CORRECTIVE ACTION REPORT (RESPONSE)

## 14a. Immediate Actions

N/A - No YMP work currently being performed at CCHT

Compliance Date

## 14. Remedial Actions

On 01/05/02, the CCHT General Manager completed a Pre-Qualification Listing (GW041811) stating the Quality Manager is qualified to perform duties within the CCHT Quality department

## 15. Extent of Condition

Eased on documentation provided by CCHT, it is determined that the QA Manager is qualified in his current position. Therefore, this deficient condition did not have any affect on the heat treating work performed on Metal Samples Company specimens, which were procured for YMP quality-affecting activities.

## 16. Cause: (Attach results of root cause determination prepared in accordance with AP-16.4Q for a significant deficiency.)

This was an oversight by CCHT Management. Upon transitioning of Quality Managers CCHT Management failed to document the new Quality Manager's qualifications and setup a file for maintaining training records.

## 17. Action to Preclude Recurrence:

A file for maintaining the Quality Manager's records has been created and will be maintained in the Production Managers Office.

## 18. Due Date: January 31, 2002

- ☐ For submittal of complete response  
☒ For completion of corrective action

## 19. Response by: Mark Peters (Roxie VanDillen - Resp. Ind.)

*Mark J Peters* *Roxie VanDillen* 1/30/02  
 Date: January 30, 2002 *AK* *AK* *AK* *AK* Phone: 5-3644 1/30/02

20. Evaluation: ☒ Accept ☐ Partially Accept ☐ Reject

QAR

Date 02/05/02

## 21. Concurrence:

DOQA

Date

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8. ☒ DR/CAR  
☐ Stop Work Order  
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DEFICIENCY/CORRECTIVE ACTION REPORT/STOP WORK ORDER CONTINUATION PAGE

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF

DR BSC(V)-02-D-039

On February 14, 2002, a follow-up verification was performed to verify implementation of corrective action to Deficiency Report BSC(V)-02-D-039. This follow-up verification was based on a review of the following documentation to support the training and qualification of the CCHT's Quality Manager:

- CCHT Pre-Qualification Listing, GW041811, dated 01/05/2002. This document attests that the individual has obtained the necessary training and is qualified to perform the duties of Quality Manager.
- Certificate of Accomplishment for QS 9000 Internal Auditing, dated 02/11-13/1997
- Materials Engineering Institute training on Heat Treating, dated 09/21/1990
- Materials Engineering Institute training on Microstructural Analysis of Ferrous Alloys, dated 08/06/1993
- Society of Manufacturing Engineering Certificate of Completion for Metallurgy and Heat Treat of Aluminum, dated 11/04/1997
- Measurements Group training in Strength of Materials, dated 09/12/1983

The documentation provided demonstrates the necessary action to support CCHT's requirements for documented training and qualification.

Based on the above, this Deficiency Report (DR) is considered closed.



Richard L. Maudlin

02-19-02

Date Signed