



Department of Energy

Washington, DC 20585

QA: QA

APR 17 2002

T. F. Morse
Bechtel SAIC Company, LLC
1180 Town Center Drive, M/S 423
Las Vegas, NV 89144

VERIFICATION OF CORRECTIVE ACTIONS AND CLOSURE OF DEFICIENCY REPORT (DR) BSC-02-D-036

The Office of Quality Assurance staff has evaluated the corrective actions of DR BSC-02-D-036 and determined the results to be satisfactory. As a result, the DR is considered closed.

If you have any questions, please contact either James Blaylock at (702) 794-1420 or John R. Doyle at (702) 794-5021.

OQA:JB-1037

James Blaylock for
Ram Murthy, Acting Director
Office of Quality Assurance

Enclosure:
DR BSC-02-D-036



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*NM507
4/17/02*

APR 17 2002

cc w/encl:

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RADIOACTIVE WASTE MANAGEMENT
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WASHINGTON, D.C.

8. DEFICIENCY REPORT
 CORRECTIVE ACTION REPORT
NO. BSC-02-D-036
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DEFICIENCY/CORRECTIVE ACTION REPORT

DCR 12/12/01

1. Controlling Document: AP-5.1Q Rev. 2, "Plan and Procedure Preparation, Review, and Approval"
2. Related Report No.: N/A

3. Responsible Organization: Procurement and Property
4. Discussed With: John Martin

5. Requirement:
1) AP-5.1Q Rev. 2, paragraph 5.5.1c)1) identifies required reviewers by stating: "Required review organizations or disciplines, including:" and the fifth bullet under this paragraph states: "The QA organization for the initial issue, revision, interim change, or cancellation of a Q procedure or a Q procedure that is being changed to non-Q." AP-5.1Q Rev. 2, Paragraph 5.7.5a) states: "For Q-designated ECNs, obtain the concurrence of a QA representative, unless QA is the Responsible Individual, in which case the QA concurrence is not required."
2) AP-5.1Q Rev. 2, Attachment 4, stipulates procedures subject to the QARD shall be identified with a Q designator indicating that the activities described in the procedure are subject to the QARD.

6. Description of Condition:
1) No QA review was performed for ECN 02 issued against LP-CON-006Q Rev. 0, "Receipt, Handling, Storage, Monitoring, and Issuance of Items". In addition, no evidence can be produced that shows that a QA review was performed for LP-ENG-001Q-M&O Rev. 0, "Calibration of Turbine Flow Meter for Water Flow".
2) Contrary to 1 and 2 above, Procedure LP-PMM-006-BSC Rev. 0, "Shipping Notices Off Project", Sections 1.0 and 2.0 indicate that the requirements of the QARD apply. However, the procedure does not have a Q designator. In addition, no evidence can be produced that shows that a QA review was performed for this procedure.
Note: procedure LP-PMM-006-BSC Rev. 0 describes shipping and handling of materials, which if handling Q materials, would invoke criteria 13 of the QARD.

7. Initiator: Kevin C. Krank *Kevin C. Krank* Date 12/12/01
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:
NONE.

11. QA Review: *John Doyle* Date *12/18/01*
12. Response Due Date: 10 working days from issuance

13. DOQA Issuance Approval:
Printed Name Robert D. Davis Signature *James B. Blylock* Date 12/21/01

22. Corrective Actions Verified: *John Doyle* Date *04/11/02*
23. Closure Approved by: *James B. Blylock* Date *4/17/02*

TYPE RESPONSE:

- Initial
- Complete
- Amended

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DEFICIENCY/CORRECTIVE ACTION REPORT (RESPONSE)

14a. Immediate Actions:

None

Compliance Date: N/A

14. Remedial Actions:

- 1) LP-CON-006Q-BSC Rev 1 ICN 0 is currently in the Review and Comment Resolution which will incorporate the ECN's in question in accordance with AP-5.1Q by April 10, 02.
- 2) LP-PMM-006Q-BSC Rev 0 ICN 1 is currently in the Review and Comment which will incorporate the ECN's in question in accordance with AP-5.1Q by April 10, 02.
- 3) Site Services will cancel procedure LP-ENG-001Q as identified on DAR D2521. Review & Comments are due by 2/6/02. Cancellation to be effected by April 10, 2002.

15. Extent of Condition:

Investigation of this condition by the author indicates that this is an isolated incident for LP-CON-006Q-BSC

Investigation of this condition by the author indicates that this is an isolated incident for LP-PMM-006Q-BSC

Investigation of this condition by engineering indicates that this is an isolated incident for LP-ENG-001Q-M&O

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

Failure to follow procedure

17. Action to Preclude Recurrence:

- 4) T. Morse will be retrained in procedure AP-5.1Q by April 10, 02. (Scheduled for 2/5/02)
- 5) A. Kalia will be retrained in procedure AP-5.1Q by April 10, 02. (Wait listed for 2/5/02)

18. Due Date: *4/10/02 Tm*

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

19. Response by: Thom Morse

[Signature]

Date 1/31/02

Phone 295-4808

Thom Morse KCA
01/31/02

20. Evaluation: Accept Partially Accept Reject

21. Concurrence:

QAR

[Signature]

Date *1/31/02*

DOQA

James Blaylock

Date

2/27/02

*BSC
QA*

TYPE RESPONSE:

- Initial
- Complete
- Amended

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DEFICIENCY/CORRECTIVE ACTION REPORT (RESPONSE)

14a. Immediate Actions:

See page 2 for original response.

Compliance Date: N/A

14. Remedial Actions:

See page 2 for original response.

15. Extent of Condition:

Ref LP-CON-006Q-BSC, no "Q" purchases or shipments occurred during the ECN period. There was no impact.

Ref LP-PMM-006Q-BSC, no "Q" purchases or shipments occurred during the initial issue period. There was no impact.

Ref LP-ENG-001-M&O, Engineering stated that the procedure was never utilized. There is no impact.

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

See page 2 for original response.

17. Action to Preclude Recurrence:

See page 2 for original response.

18. Due Date: 4/10/02

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

19. Response by: Thom Morse

[Signature]
Date 2/20/02

[Handwritten] BSC QA 02/20/02

Phone 295-4808

20. Evaluation: Accept Partially Accept Reject

QA *[Signature]*

Date 2/22/02

21. Concurrence:

DOQA *[Signature]*

Date 2/27/02



BSC Human Resources / Training

Certificate of Completion

This is to acknowledge that on February 5, 2002

Thom Morse

successfully completed training in

AP-5.1Q, Plans & Procedures Process Control
Training

Instructor Burk D. Marler

BSC Training Manager Paul E. Turner

Burk D. Marler

P. E. Turner



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CONDITION ADVERSE TO QUALITY CONTINUATION PAGE

Verification of Corrective Actions to DR BSC-02-D-036

Block 14a. Immediate Actions:

None required

Block 14. Remedial Action

Reviewed the OCRWM Program Documents on the Lotus notes Database and review of document review files the following:

- 1) Verified Rev. 1 ICN 1 effective 04/08/02 to LP-CON-006Q
- 2) Verified Rev. 1 ICN 1 effective 04/15/02 to LP-PMM-006Q.
- 3) Verified cancellation of LP-ENG-001Q effective 02/25/02 :

Block 15. Extent of Condition:

See Complete and Amended Responses

Block 16. Cause

See Complete Response

Block 17. Action to Preclude Recurrence

Verified by review of BSC Training Database that training to AP-5.1Q for the personnel identified in the complete response was performed/documentated on 02/05/02.

The Above Committed Corrective actions have been satisfactorily verified.

This Deficiency Report is considered closed.

QAR: John R. Doyle Date: 04/11/02.

John R. Doyle