

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

8. ☒ DEFICIENCY REPORT
☐ CORRECTIVE ACTION
REPORT

NO. BSC(O)-03-D-137

PAGE 1 OF

QA: QA

DEFICIENCY REPORT/CORRECTIVE ACTION REPORT

1. Controlling Document: (Document ID and Revision or Date)

QARD, DOE/RW-0333P, Revision 12

2. Related Report No.:

N/A

3. Responsible Organization:

BSC Chief Science Officer

4. Discussed With:

Jean Younker, Debra Bryan, Harvey Dove

5. Requirement:

QARD, Supplement III.2.6, Model Development and Use

F. <states in part>... Technical Review through publication in a referred professional journal or review by an external agency may be used to corroborate model validation when used in conjunction with one or more of the following:

2. Peer review (QARD Paragraph 2.2.9) and independent technical review (QARD Paragraph 2.2.10)

6. Description of Condition:

Contrary to the above requirement, AP-SIII.10Q, Revision 1, Step 5.4.1 d) allows for either a Peer Review per AP-2.12Q, *Peer Review*) or a technical review by reviewers independent of the development, checking, interdisciplinary review of the model documentation.

Please note that no model documentation was reviewed to determine if a model was validated with either a peer review per AP-2.12Q or an independent technical review.

Has work been stopped? ☐ Yes ☒ No

7. Initiator:

Christian Palay

Printed Name

Signature

4/16/2003

Date

9. Does a stop work condition exist?

☐ Yes ☒ No ☐ N/A

If Yes, Check One:

☐ A

☐ B

☐ C

☐ D

10. Recommended Actions:

None

11. QA Review:

Christian Palay

Printed Name

Signature

4/16/2003

Date

12. Response Due Date:

10 Working Days after Issuance

13. QAM Issuance Approval:

Printed Name R. Dennis Brown

Signature

4/23/03

Date

14. Corrective Actions Verified/Closure:

QAR Printed Name

Signature

Date

15. QAM Closure Approval:

Printed Name

Signature

Date



Department of Energy

Washington, DC 20585

QA: QA

APR 24 2003


J. L. Younker
Bechtel SAIC Company, LLC
1180 Town Center Drive, M/S 423
Las Vegas, NV 89144

**ISSUANCE OF DEFICIENCY REPORT (DR) BSC(O)-03-D-137 REGARDING
INCONSISTENCY BETWEEN AP-SIII.10Q AND QUALITY ASSURANCE
REQUIREMENTS AND DESCRIPTION (QARD) SUPPLEMENT III**

Enclosed is DR BSC(O)-03-D-137 generated during an independent review of procedures for the development of Revision 14 of the Quality Assurance Requirements and Description.

Please provide a response to this deficiency that meets the applicable requirements of Administrative Procedure (AP)-16.1Q, *Management of Conditions Adverse to Quality*. Send the original of your response to Deborah G. Opielowski, Navarro Quality Services, P.O. Box 364629, Mail Stop 455, North Las Vegas, Nevada 89036-8629. Initial response to the DR is due ten working days from the date of this letter. Any extension to the due date must be requested in accordance with AP-16.1Q.

If you have any questions, please contact either Kerry Grooms at (702) 794-1367 or Christian M. Palay at (702) 794-1486


R. Dennis Brown, Director
Office of Quality Assurance

OQA:KMG-1041

Enclosure:
DR BSC(O)-03-D-137



J. L. Younker

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APR 24 2003

cc w/encl:

N. K. Stablein, NRC, Rockville, MD

Robert Latta, NRC, Las Vegas, NV (2 cys)

S. W. Lynch, State of Nevada, Carson City, NV

L. W. Bradshaw, Nye County, Pahrump, NV

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