



QA: QA

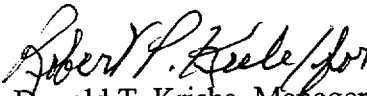
Paul R. Dixon, Manager  
Performance Assessment Project Natural Systems  
Bechtel SAIC Company, LLC (BSC)  
1180 Town Center Drive  
Las Vegas, NV 89144

ISSUANCE OF DEFICIENCY REPORT (DR) LANL(B)-02-D-133 SOFTWARE USED THAT  
WERE NOT ON THE SOFTWARE CONFIGURATION MANGEMENT BASELINE

Enclosed is the subject DR generated as a result of review of documentation associated with  
implementation of AP-SI.1Q. The condition adverse to quality deals with implementing the use  
of software prior to completing the baseline qualification.

Please provide an initial response to this DR within 10 working days from the date of this  
correspondence to Judith E. Gebhart, Bechtel SAIC Company, LLC, 1180 Town Center Drive,  
Las Vegas, Nevada 89144. Also provide a copy of the response to Deborah G. Opielowski.  
NQS, P. O. Box 364629, Mail Stop 455, North Las Vegas, Nevada 89036-8629.

If you have any questions, please contact either Judith E. Gebhart (702) 295-4788 or  
Stephen R. Dana at (702) 295-2690.

  
Donald T. Krishna, Manager  
Quality Assurance

7-5-02  
Date Signed

JEG:ml-0703023221

Enclosure:

DR BSC (B)-02-D-133  
LANL *ndp 7/8/02*

*NMS507  
wm-11*

July 5, 2002

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cc w/encl:

R. W. Andrews, BSC, Las Vegas, NV  
G. K. Beall, BSC, Las Vegas, NV  
L. W. Bradshaw, Nye County, Pahrump, NV  
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cc w/encl:

S.R. Dana, BSC, Las Vegas  
J. E. Gebhart, BSC, Las Vegas  
B. D. Gundlach, LANL, Los Alamos, NM  
M. E. Lobo, BSC, Las Vegas, NV  
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**OFFICE OF CIVILIAN  
RADIOACTIVE WASTE MANAGEMENT  
U.S. DEPARTMENT OF ENERGY  
WASHINGTON, D.C.**

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7-13-02 A RED STAMP

8. ☒ DEFICIENCY REPORT  
☐ CORRECTIVE ACTION REPORT  
NO. LANL(B)-02-D-133  
PAGE 1 OF  
QA: QA

**DEFICIENCY REPORT/CORRECTIVE ACTION REPORT**

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

AP-SI.1Q, Rev 3, ICN 4

2. Related Report No.:

N/A

3. Responsible Organization:

LANL

4. Discussed With:

Brad Gundlach, Steve Splawn, Jeff mason, Judy Gebhart

5. Requirement:

AP-SI.1Q, Section 2.0 Applicability

Third paragraph states in part: "Any source code developed or acquired solely with OCRWM funds, for use specifically within OCRWM, is considered Project software and must be submitted to SCM in accordance with this procedure."

Second paragraph states: "Software items subject to QARD requirements cannot be used in quality-affecting activities prior to the software qualified and baselined except as provided for in subsection 5.10 of this procedure"

AP-SI.1Q, Section 5.7.3.1a) Ensure that the software being used was obtained from SCM.

6. Description of Condition:

During the review of the CP2 review of FEHM V 2.12, it was noted that the Acceptance Criteria for several test cases required the use of software titles that were not on the YMP baseline qualification list. The following software titles, not on the YMP baseline qualification list, were identified:

CHAIN unknown version  
TOUGH V 1.1  
SORBEQ unknown version  
PDREACT unknown version  
FEHMN unknown version

Has work been stopped? ☐ Yes ☒ No

7. Initiator:

Lyle Southworth

Printed Name

Signature

Date

9. Does a stop work condition exist?

☐ Yes ☐ No ☒ N/A

If Yes, Check One:

☐ A

☐ B

☐ C

☐ D

10. Recommended Actions:

11. QA Review:

JUDITH E GEBHART

Printed Name

Signature

6/05/02

Date

12. Response Due Date:

10

Working Days after Issuance

13. QAM Issuance Approval:

Donald T. Krishna

Printed Name

Signature

Date 7-5-02

14. Corrective Actions Verified/Closure

15. QAM Closure Approval:

QAR Printed Name

Signature

Date

Printed Name

Signature

Date