memorandum

DATE: March 14, 2000

REPLY TO ATTN OF: CAO:QA:SAV:00-0253 UFC 2300

SUBJECT: Issuance of Corrective Action Reports (CARs); 00-017 and 00-018

TO: Joseph A. Legare, Assistant Manager for Environment and Compliance

The Carlsbad Area Office (CAO) performed Audit A-00-10 of the Rocky Flats Environmental Technology Site (RFETS) on March 6-8, 2000. The audit team identified two (2) conditions adverse to quality which have been documented in CARs 00-017 and 00-018.

Please document on the attachment CAR Continuation Sheet your proposed corrective actions and a schedule for completion and forward to me prior to the response due date identified in CAR Block 14.

If you have any questions or comments, please contact me at (505) 234-7423.

Samuel A. Vega
CAO QA Manager

Attachments

cc w/attachments:
B. Stroud, CAO
L. Chism, CAO
J. Jefferies, RFFO
M. Castagneri, RFETS
J. O’Leary, RFETS
M. Eagle, EPA
S. Monroe, EPA
S. Zappe, NMED
B. Walker, EEG
D. Winters, DNFSB
S. Kouba, WID
W. Most, WID
J. Schuetz, CTAC
**ORRECTIVE ACTION REPORT**

1. CAR No.: 00-017  
2. Activity Report No.: A-00-10  
3. Page 1 of ___

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>6. Responsible Organization:</td>
<td>RFFO</td>
<td>7. CAQ Was Discussed With: C. Davidson</td>
</tr>
</tbody>
</table>

8. Requirement that was violated:
Section 7.5.1 of SQM-011 requires that, “Verification of at least one counting geometry/sample matrix will be repeated annually as specified in the SOP for the measurement systems…”

9. Condition Adverse to Quality:
The annual calibration verifications for the IQ3, and PN were due in December 1999, but were not completed until 3/8/00. The systems were used for data collection in January and February of 2000, but the batch reports transmitted to RFETS containing the data generated during this period did not contain the NCRs documenting that the systems had not received the required calibration verification.

10. Suggested Actions (Optional):

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>11a. Significant CAQ (Yes or No):</td>
<td>YES</td>
</tr>
<tr>
<td>11b. Work Suspension Recommended (Yes or No):</td>
<td></td>
</tr>
<tr>
<td>11c. RCRA-Related (Yes or No):</td>
<td>NO</td>
</tr>
</tbody>
</table>

12. Types of Actions:  
- Remedial: X  
- Investigative: X  
- Root Cause: X  
- Actions to Preclude Recurrence: X

13. CAR Initiator: W. Ledford  
Date: 3/8/00

14. Response Due Date:  4/15/00  
Corrective Action Plan Required:  
- YES  
- NO

15. Concurrence:  
- Assessment Team Leader:  
Date: 3/14/00  
- Responsible Assistant Manager:  
Date: N/A

16. Corrective Actions Proposed by the Responsible Organization:  
Use CAR Continuation Sheet

17. Acceptance of Proposed Corrective Actions:  
- Assessment Team Leader:  
Date:  

18. Verification of Corrective Action Completion:  
(Use CAR Continuation Sheet)

19a. Verified By:  
Date:  

19b. Trend Cause Code:  

21. Closure:  
- Quality Assurance Manager:  
Date:  
1. CAR No.: 00-018
2. Activity Report No.: A-00-10
3. Page 1 of

4. Controlling Document: SQM-007, SQM-008
5. CAO Assessment Team Leader: S. Vega

6. Responsible Organization: RFO
7. CAQ Was Discussed With: C. Davidson

8. Requirement that was violated:
Section 10.5 of SQM-007 and SQM-008 requires that, “At least monthly, during routine counting, the operator shall perform a scale response check.”

9. Condition Adverse to Quality:
Although routine-counting operations with the IQ3 and PN resumed on 1/24/00, no scale response check had been performed on the IQ3 (the last response check was on 9/30/99). The PN was scale checked on 2/25/00, exceeding the monthly requirement.

10. Suggested Actions (Optional):

11a. Significant CAQ (Yes or No): NO
11b. Work Suspension Recommended (Yes or No):
11c. RCRA-Related (Yes or No): NO

12. Types of Actions: Remedial: X Investigative: _ Root Cause: _ Actions to Preclude Recurrence: X

13. CAR Initiator: W. Ledford Date: 3/8/00

14. Response Due Date: _9/15/00_
Corrective Action Plan Required: YES NO

15. Concurrence: 

   Assessment Team Leader: 
   Date: 3/19/00

   Responsible Assistant Manager: 
   Date: _N/A_

   Quality Assurance Manager: 
   Date: _N/A_

16. Corrective Actions Proposed by the Responsible Organization: Use CAR Continuation Sheet

17. Acceptance of Proposed Corrective Actions:

   Assessment Team Leader: 
   Date: _

18. Verification of Corrective Action Completion: (Use CAR Continuation Sheet)

19a. Verified By: 

19b. Trend Cause Code: 

21. Closure: 

   Quality Assurance Manager: 
   Date: _