


United States Government


 ENTERED
 Department of Energy

memorandum

 Carlsbad Field Office
 Carlsbad, New Mexico 88221


DATE: November 26, 2004

 REPLY TO
 ATTN OF: CBFO:QA:DSM:LC:04-1892:UFC:2300.00

SUBJECT: Corrective Action Verification and Closure of CAR 05-004

TO: Tim Hedahl

The Carlsbad Field Office (CBFO) has evaluated the Corrective Action Plan for CAR 05-004 and reviewed the associated objective evidence documenting the corrective action taken. The results of this evaluation indicate that the Central Characterization Project (CCP/NTS) has adequately addressed the issues identified in CAR 05-004, and the CAR is now considered closed. The CAR Continuation Sheet documenting completion of these activities is attached for your information.

If you have any questions or comments, please contact me at (505) 234 -7491.

 Dennis S. Miehl
 CBFO Quality Assurance Specialist

Attachments

cc w/attachments:

K. Watson, CBFO	*ED
A. Holland, CBFO	*ED
D. Haar, WTS	*ED
A.J. Fisher, WTS	*ED
C. Fesmire, WTS	*ED
J. Franco, WTS	*ED
M. Eagle, EPA	*ED
E. Feltcorn, EPA	*ED
S. Zappe, NMED	*ED
S. Holmes, NMED	*ED
D. Winters, DNFSB	*ED
A. Pangle, CTAC	*ED
B.J. Verret, CTAC	*ED
C. Riggs, CTAC	*ED
CBFO QA Files	
CBFO M&RC	
WIPP Operating Record, MS 486-06	

*ED denotes electronic distribution

041135



CBFO CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 05-004	2. Activity Report No. A-05-02	3. Page _____ Of _____
-------------------	--------------------------------	------------------------

Block 18 Verification of Corrective Action Completion

The corrective actions described in the corrective action plan submitted 11/1/04 and approved by CBFO on 11/3/04 (CBFO:QA:DSM:LC:04-1871:UFC 2300) and reported as complete by WTS on 11/15/04 (CP:04:01540, UFC:2300.00), have been verified as follows:

Remedial Actions

- CCP Nonconformance reports, NCR-NTS-0369-04 and NCR-NTS-0362-04 were generated to capture the discrepancies and batches. These CARs were satisfactorily resolved and closed on 10/28/04.

Investigative Actions

- The %D calculations were evaluated for all of the NTS Headspace Gas (HSG) batches to ensure correct input values were used in the spreadsheets. The other sites using this equipment were evaluated for similar errors. The extent and impact was limited to the NTS only and the batch data reports identified in the above NCRs. Corrected CCV reports were examined and verified. The corrected CCV reports evidenced corrected %D data and appropriate approvals, for incorporation into the BDRs.

Root Cause and Actions to Preclude Recurrence

- The inadequate HSG procedure/(root cause) was subsequently revised to incorporate updating of the average response factors after every calibration. The revision also requires that response factors be entered into the current revision of the BDR template on the %D worksheet for each compound.
- Objective evidence of NTS operator training also examined and deemed satisfactory.

Based on the above information, the recommendation is for closure of this CAR.

Block 19a Verified By: *Charles L. Riggs*
 Charles L. Riggs

Date: *11/26/04*

Block 19b Trend Cause Code: 2.1