

United States Government

Department of Energy

memorandum

Carlsbad Area Office
Carlsbad, New Mexico 88220

DATE: April 25, 2000
REPLY TO: CAO:QA:SAV:00-0276 UFC 2300.00
SUBJECT: Corrective Action Verification for CARs 00-012 through 00-014
TO: Mark S. French, RL

The Carlsbad Area Office (CAO) has completed the verification of corrective actions for the subject Corrective Action Reports (CARs). The corrective actions were found to be satisfactory and the CARs are now considered closed.

If you have any questions or require additional information concerning CAR closure, please contact me at (505) 234-7423.

Lea Chism
for Samuel A. Vega
Quality Assurance Manager

Attachments

cc w/attachments:

L. Chism, CAO
P. Crane, RL
J. Maupin, WMH
M. Eagle, EPA
S. Monroe, EPA
S. Zappe, NMED
B. Walker, EEG
S. Kouba, WID
W. Most, WID
S. Calvert, CTAC
J. Schuetz, CTAC



000428



CAO CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 00-012

2. Activity Report No. A-00-05

3. Page 1 Of 1

Block 18 Verification of Corrective Action Completion

The corrective actions taken and implemented for this CAR were evaluated and verified during an on-site visit and follow-up audit (A-00-05) at Hanford, on April 17-19, 2000. The corrective actions and objective evidence reviewed, and found to be acceptable are as follows:

- A corrective action report, has been prepared by Hanford, against old headspace gas data reports to require CAO approval prior to use of the data.
- Headspace gas data packages have been identified as unusable to prevent use until CAO approval.
- Corrective action reports, have been issued by Hanford against old NDE and VE data, completed prior to implementation of the WIPP Permit requirements.
- A corrective action plan has been developed for NDE and VE data, which includes: training; review of the data packages to address additional requirements of the WIPP Permit; amendment of the data packages to include documentation of additional requirements of the WIPP permit; and data generation/validation and project level validation in accordance with WIPP permit requirements.
- NDE and VE data packages have been identified as unusable until completing corrective action plan for each individual batch report.

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

Verified by: Steven D. Calvert Kerry Watson

Date: 04/21/00

Block 19b Trend Cause Code: 6.1

CAO CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 00-013

2. Activity Report No. A-00-05

3. Page 1 Of 1


Block 18 Verification of Corrective Action Completion

The corrective actions taken and implemented for this CAR were evaluated and verified during an on-site visit and follow-up audit (A-00-05) at Hanford, on April 18-19, 2000. The corrective actions and objective evidence reviewed, and found to be acceptable are as follows:

- Verified WMP-350, Section 2.3 was revised effective 2/14/00 to require energy resolution and efficiency plots be included in testing batch reports
- Verified WMP-350, Section 2.2 was revised effective 2/14/0 to require isotopic determinations during NDA
- Verified WMP-350, Section 2.4, effective 4/13/00 and WMP, Section 2.5, effective 2/28/00 were revised to include daily system QC checks to support verification and validation of annual calibrations
- Verified WMP-350, Section 2.2 was revised effective 2/14/00 to require isotopic determination during NDA
- Verified WMP-350, Section 2.3 was revised effective 2/14/00 to require documented comment resolution between the independent technical reviewer and NDA analyst for spread sheet calculations

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

Verified by:


David C. Camp

Date:

4/20/00

Block 19b Trend Cause Code: 6.1

CAO CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 00-014	2. Activity Report No. A-00-05	3. Page 1 Of 1
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Block 18 Verification of Corrective Action Completion

The corrective actions taken and implemented for this CAR were re-evaluated and verified during an on-site visit and follow-up audit (A-00-05) at Hanford, on April 17-19, 2000. The corrective actions and objective evidence reviewed, and found to be acceptable are as follows:

- Headspace gas data reports issued after the effective date of the WIPP Permit (11/26/99) have been reviewed/revise to address the deficiencies identified in this CAR. Batch reports WSCF-000-108R1 and WSCF-000222R0 were reviewed prior to, and during the follow-up audit, and determined to be acceptable. The reports identify TICs in accordance with the WIPP permit.
- Procedure LA-523-401 has been satisfactorily revised (Rev. F-0, 03/29/00) to identify TIC reporting requirements in accordance with WIPP Permit requirements, and to identify how to add a TIC to the analyte list after being identified in 25% of samples.

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

Verified by: *B. J. Verret* For
B. J. Verret

Date: 04/21/00

Block 19b Trend Cause Code: 6.1