

United States Government

Department of Energy  
Carlsbad Area Office

# memorandum

DATE: June 8, 2000


REPLY TO:  
ATTN OF: CAO:QA:SAV:NM 00-0815 UFC 2300.00

SUBJECT: Corrective Action Verification for CARs 00-025, 00-026 and 00-027

TO: Lori Fritz, ID

The Carlsbad Area Office (CAO) has completed the verification of corrective actions for the subject 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.

  
Samuel A. Vega  
CAO QA Manager

## Attachments

cc: w/attachments  
K. Watson, CAO  
L. Chism, CAO  
J. Wells, DOE-ID  
G. Beausoleil, DOE-ID  
T. Preston, INEEL  
T. Monk, INEEL  
M. Eagle, EPA  
S. Zappe, NMED  
B. Walker, EEG  
S. Calvert, CTAC  
J. Schuetz, CTAC  
S. Kouba, WID  
D. Winter, DNFSB

000614



# CAO CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 00-025

2. Activity Report No. A-00-06

3. Page 1 Of 2

## Block 18 Verification of Corrective Action Completion

The corrective actions taken and implemented for this CAR were verified during an on-site visit and follow-up audit (A-00-06) at Idaho, on May 17, 2000. The corrective actions and objective evidence reviewed, and found to be acceptable are as follows:

- The "WAP Compliance Evaluation" was examined to verify that an evaluation against the requirements of the WIPP WAP was performed by INEEL, to ensure that the data were collected and validated in a manner compliant with the WAP. This document examined data generation level collection, data generation level validation, and the Project level validation requirements that applied when the data supporting the miscertification rate calculation was generated for both VE and RTR, and it evaluates them against current WAP requirements. The evaluation/document specifies verification activities for documenting objective evidence, and identifies corrective actions for cases where WAP requirements were not specifically addressed during data generation and validation activities.
- The "WAP Compliance Evaluation" document includes an appropriate "impact on quality of TWCP data" statement, including the conclusion(s)/results of the evaluation with appropriate technical justification.
- Verified that miscertification rates will henceforth be determined in accordance with Engineering Design File (EDF) 363.
- The data package (WCV-032356) was corrected to include the visual data forms generated during the examination.
- Examined a sampling of data forms (out of the "nearly 500 drums characterized for this program at ANL-W"), to ensure/verify raw data inclusion, in packages(s).
- Clarifications were made to HFEF-01-6890 (Rev. 4b, Effective: 4/28/00), to emphasize that all raw data be included on the data forms from the procedure, and that all forms be completed during characterization.
- The ITR Checklist (WCV-032356) was corrected on 04/27/00, to complete the item, which was inadvertently left blank.
- Verified that lessons learned training, was provided on 05/16/00 to ANL-W data reviewers (ITR, TS & QADR).

Cont.

# CAO CORRECTIVE ACTION REPORT

(Continuation Sheet)

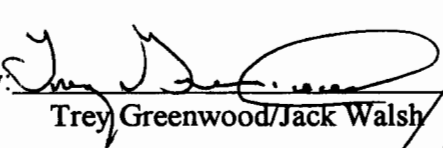
|                   |                                |                              |
|-------------------|--------------------------------|------------------------------|
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|-------------------|--------------------------------|------------------------------|

**Block 18 Verification of Corrective Action Completion (Cont.)**

- The IDR-032356, Remedial action item #4, and the resulting INEEL (ICARE) NCR (#HF-00-31), were revised to add documentation of the phone call to Dr. Rod Arbon.
- NT-AP-04 (Rev. 5, Effective: 04/28/00), was revised to add an initiator signature and date to the IDR form. HFEF-01-6890 (Rev. 4b, Effective: 04/28/00), has been revised to provide a routine method for absorption of liquids and to provide for completion of drum characterization regardless of the prohibited items encountered.
- Procedure HFEF-01-6890 (Rev. 4b, Effective 04/28/00), has also been revised to clarify that videotaping should include the actual weighing process.

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

Verified by:

  
Trey Greenwood/Jack Walsh

Date: 5/17/00



**Block 19b Trend Cause Code: 6.1**

# CAO CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 00-026

2. Activity Report No. A-00-06

3. Page 1 Of 1

## Block 18 Verification of Corrective Action Completion

The corrective actions taken and implemented for this CAR were verified during an on-site visit and follow-up audit (A-00-06) at Idaho, on May 17, 2000. The corrective actions and objective evidence reviewed, and found to be acceptable are as follows:

- Examined documentation and associated response (re.: 05/09/00 memo from S. J. Sailer to T. W. Preston), which evidences that the SQAQO and the ECL FQAQO have jointly reviewed the results of the surveillance and have determined that the issues identified by the surveillance (SPO-L1-99-02) require a written response to only one item (re.: revise PLN-600).
- Examined documentation ("Individual Read & Sign Training Roster") which provides evidence that the individual currently responsible for issuing Level 1 Surveillance reports has, through required reading of MCP-2534, review of CAR-00-026, and preparation of its response, been reminded of the need to issue Level 1 Surveillance reports in a reasonable time. Also, examined the Level 1 Surveillance for the 2<sup>nd</sup> quarter of CY-2000, performed to demonstrate compliance with MCP-2534 (re.: SPO-L1-00-01).
- SQAQO semi-annual report (issued: 05/12/00), as required by MCP-2533, for the first portion of CY-2000 (re.: SQAQO Semi-Annual Report for January 2000 – April 2000).
- Examined documentation ("Individual Read & Sign Training Roster's"), which provides evidence that the SQAQO and SPM have performed additional reading of MCP-2534, and are now more aware of the requirements, and need to conduct Level 1 Surveillances.
- The required reading log has been updated (05/12/00, based on latest entry), to include procedure revisions issued since 4/20/00, and reading completion by all TWCP participants, consistent with their individual roles.
- Procedure NT-AP-01, "TWCP Document and Records Management", was revised, (Rev. 06, Effective: 05/17/00), to provide for the performance and documentation of procedure required reading for ANL-W project participants, as an element of the Document Receipt Acknowledgement form.

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

Verified by:

  
Pete Rodriguez

Date: 05/17/00

Block 19b Trend Cause Code: 6.5

# CAR CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 00-027

2. Activity Report No. A-00-06

3. Page 1 of 3

## Block 18 Verification of Corrective Action Completion

The corrective actions taken and implemented for this CAR were verified during an on-site visit and follow-up audit (A-00-06) at Idaho, on May 17, 2000. The corrective actions and objective evidence reviewed, and found to be acceptable are as follows:

- The TRIPS Change Request (TCR) system was modified (date: 4/25/00), to include a decision button to be set during the review of the change request to indicate if any Mini Design or Business Process Requirements have been impacted by the requested change. Fields were also added to allow for the identification of the specific Mini Design or Business Process Requirements that are impacted by the request.

Fields added to the TCR system are:

Requirement/Design Change?:   N     Y  

Requirement/Design Document: \_\_\_\_\_

- The TRIPS QA documents were changed to specify that, a formal review of the Mini Design documents be made by the cognizant tester – with the documents being signed off by the developer and tester.

Additionally, a formal review of the TRIPS release 4.0 Mini Design documents was completed, (date: 4/28/00), to review all of the Mini Design documents in question, and to log and track to closure any issues found in the documents.

- 69 issues were logged during the formal review of the TRIPS mini-designs against the released software. The issues have all been closed, and the Mini Designs signed off.

One new TCR (TRIPS Change Request), was issued (TCR 928) that addressed a minor error discovered during the review of the Payload Assembly Mini Design. The design document has been modified so that the design reflects the released software. The change completed testing, and was put in production (date: 5/11/00).

Two additional TCR's were referenced on the issues page. TCR 611 is a TCR related to SPO Reporting and is still in testing. TCR 700 was referenced because the Mini Design for certification did not reflect the table changes specified within this TCR. This has been corrected and the Mini Design has been signed off.

Additionally, 18 editorial comments were logged that did not have any impact to the design as reflecting the current system, and as it relates to the currently released software.

# CAU CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 00-027

2. Activity Report No. A-00-06

3. Page 2 of 3

## Block 18 Verification of Corrective Action Completion (cont.)

- The TRIPS QA plans were modified to specify that all mini designs will be formally reviewed and signed off by the designer and cognizant tester for major releases.

Document Action Requests (DARs) were prepared to implement the modifications to the TRIPS QA Plans. Actions requested on the DARs include:

DAR No.: EO-RS-5633 – revise/modify the SQAP ... as depicted in this CAR response.

DAR No.: EO-RS-5634 – revise/modify the SVVP ... as depicted in this CAR response.

DAR No.: EO-RS-5632 – revise/modify the SCMP ... as depicted in this CAR response.

The format of the Test Report was modified during the audit to exclude redundant listing of TCR numbers in the abstract paragraph of the TRIPS Test Report. This change has been incorporated into the document, reviewed for correctness, and re-issued (date: 4/25/00)

- The TRIPS Test Plan (PLN-585) was modified to require that all version numbers associated with the Operation System, Database Management System, Application Software, and Network Protocol, be specified for the server-side configuration. In addition, the TRIPS Test Plan was modified to specify that the Operating System, Application Software, Network Protocol, Hardware CPU, Hardware Memory and the Hardware disk space, be specified for the client-side configuration.

The TRIPS Release 4.0 Test Report was modified to reflect the incorporation of version numbers (along with the changes specified above). The Test Report was reviewed for correctness and released as Rev. 1

The TRIPS Test Plan was modified to require that this information be reported at the time of major releases of the TRIPS system. A Document Action Request (DAR) was submitted to include the following instructions:

DAR No.: EO-RS-5635 - revise/modify the STP ... as depicted in this CAR response.

# CAO CORRECTIVE ACTION REPORT

(Continuation Sheet)

1. CAR No. 00-027

2. Activity Report No.A-00-06

3. Page 3 of 3

**Block 18 Verification of Corrective Action Completion (cont.)**

- Changes to the TRIPS Configuration Management Plan were made to include the CVS method for managing the TRIPS Build Scripts. A DAR was submitted with the following instructions:

DAR No.: EO-RS-5633 – revise/change the SCMP, table 3, for Software CI

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

Verified by: \_\_\_\_\_

Mario Chavez

Date: 5/22/00

**Block 19b Trend Cause Code: 6.5, Policy not adequately defined, disseminated or enforced**