

United States Government

Department of Energy

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: August 6, 2002

REPLY TO
ATTN OF: CBFO:QA:DSM:GS:02-1246:UFC 2300.00

SUBJECT: Closure of Corrective Action Report 02-069

TO: Rudolph F. Guercia, Acting Director Waste Management Division
Richland Operations Office

The Carlsbad Field Office (CBFO) performed verification of corrective action completion for Corrective Action Report (CAR) 02-069 at the Hanford Site on July 31, 2002. The results of the evaluation indicate that Hanford has adequately addressed the issues identified in the CAR 02-069. CAR 02-069 has been closed based on the CBFO verification of these corrective actions. The CAR continuation sheets documenting verification of corrective action completion and closure of the CAR are attached.

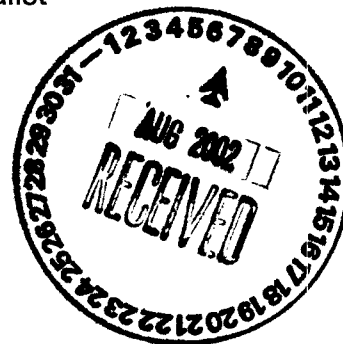
If you have any questions or comments, please contact me at (505) 234-7483.

Dennis S. Miehs for //signature on file//
Martin P. Navarrete
Quality Assurance Specialist

Attachments

cc w/attachments:

R. Knerr, CBFO	*ED
K. Watson, CBFO	*ED
A. Holland CBFO	*ED
T. Shrader, DOE-RL	*ED
P. Crane, FH	*ED
D. DeRosa, FH	*ED
J. Maupin, FH	*ED
M. Eagle, EPA	*ED
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R. Joglekar, EPA	*ED
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S. Zappe, NMED	*ED
B. Walker, EEG	*ED
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A Pangle, CTAC	*ED
P. Rodriguez, CTAC	*ED
P. Roush, WTS	
CBFO QA Record File	
CBFO M&RC	



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Block # 18 Verification of Corrective Action Completion

The corrective actions taken and implemented for CAR 02-069 have been completed as evidenced by review of the corrective action/objective evidence package, submitted by Hanford and observation of a demonstration of TRUPACT-II Operations, Leak-Testing, and Approved Work Instructions (AWI) during a CBFO follow-up verification at Hanford on July 31, 2002 by the Audit Team (Joe Willis, Todd Sellmer, and Dee Scott) and review of documentation generated during the demonstration on July 31, 2002.

The corrective action commitments relative to the *Remedial, Investigative, Root Cause Determination, and Actions to Preclude Recurrence* as described in the Hanford corrective action plan of July 24, 2002 ((WMD: TAS/02-WMD-0246) have been satisfactorily verified, and include the following:

Documentation submitted to the audit team during the follow-up verification, performed on July 31, 2002, included the following items:

- Hanford Corrective Action Report No.: TRU-SPO-02CAR-013 dated 7/8/02 documenting CBFO CAR 02-069.
- Deficiency Evaluation Form, Corrective Action Record File No.: 20020981 for Source Document TRU-SPO-02CAR-013.
- Corrective Action Management Form, Action Request No. 29014298 for Corrective Action Request File No. 20020991 and TRU-SPO-02CAR-013
- Hanford Internal Surveillance Report TRU-02-S-008, *Assessment Of TRUPACT-II Loading Operations At WRAP* dated July 30, 2002 for the surveillance performed by Hanford QA on July 29 and 30, 2002 of TRUPACT-II Loading Operations at the Waste Receiving and Processing facility
- Documentation on revision of TRUPACT-II procedures WRP1-OP-0521, *Receive and Load TRUPACT-II Containers*, Revision D-1 and WRP1-OP-0524, *Helium Leak Test of the TRUPACT-II Shipping Container*, Revision C-2
- CBFO memorandum CBFO:NTP:MRB:VW:02-2730:UFC:5822, CBFO Approval of Hanford Procedure WRP1-OP-0524, Rev. C-2, dated July 26, 2002
- CBFO memorandum CBFO:NTP:RMK:VW:02-27211:UFC:5822, CBFO Approval of Hanford Procedure WRP1-OP-0521 and WRP1-OP-0524, dated July 23, 2002 (WRP1-OP-0521 draft C-1 and WRP1-OP-0524 draft D-1
- Copies of revised TRUPACT-II procedures WRP1-OP-0521, *Receive and Load TRUPACT-II Containers*, Revision D-1 and WRP1-OP-0524, *Helium Leak Test of the TRUPACT-II Shipping Container*, Revision C-2
- Memo to File from K. Leonard, TRU Project TCO, *CAR TRU-SPO-02CAR-013/CBFO CAR 02-069*, dated 12 July 02, documenting the remedial actions taken as a result of the CAR issued to the Hanford Site during the re-certification audit (A-02-23) conducted by CBFO
- Memo to File from Kathy Leonard/D. Richards, *CAR-TRU-SPO-02CAR-013/CBFO CAR 02-069*, Assignment No. 4, documenting the hands on training, classroom training, and required reading. In addition, this memo documented review of qualification card training requirements for TRUPACT-II Load/Unload personnel and provided copies of training rosters, CH Packaging loading data sheets, maintenance record, and helium leak

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testing data sheets for both classroom and OJT training.

- Course Completion Roster for WRP1-OP-0524, Revision C-2 Required Reading dated 7/31/02
- Pre-Job Briefing for *TRUPACT-II & Leak Test Performance Demonstration/WIPP Audit* dated 7/31/02

The CBFO CAR Closure Verification Team (Joe Willis, WTS Technical Specialist; Todd Sellmer, WTS Technical Specialist, and Dee Scott, CTAC Lead Auditor/Technical Specialist) observed the following activities during the CBFO CAR 02-069 closure verification activities on July 31, 2002:

- Attended and observed the Hanford Pre-Job Briefing for *TRUPACT-II & Leak Test Performance Demonstration/WIPP Audit* on 7/31/02 at WRAP.
- Observed preparations and equipment checkout for TRUPACT-II demonstration of payload assembly loading, ICV closure, ICV leak-test, OCV closure and maintenance using Approved Work Instructions.
- Observed loading of dummy 14-drum payload assembly in Training TRUPACT-II Serial Number 112, closure of ICV, leak-test of ICV, maintenance using AWI CH 01, replace ICV Outer Vent Port Plug and O-ring, and AWI CH 13, replace missing ICV lower spacer screws.

Note: Hanford initially obtained Revision 0 of CH 13 instead of CH 13 Revision 1 which had been updated in June 2002. However, they identified their error and obtained the correct Revision 1 of CH 13. The audit team asked Hanford how they would prevent this from occurring in the future. Hanford indicated that in the future, they would not maintain hard copies of the AWI's in the work area and when the need arose for an AWI, they would access the WEB and obtain a hard copy of the latest AWI from the WEB site.

The audit team concluded that the Hanford TRUPACT-II demonstration was conducted in a very professional manner with excellent job control, following the procedures as required by DOE/WIPP 02-3183, CH Packaging Program Guidance and DOE/WIPP 02-3184 CH Packaging Operations Manual. The Hanford personnel performed as a team (WRAP Supervisor, WRAP Operators, WRAP QA/OC, NDE Technician, RCT, Crane Operator, and Millwright), listened to the person directing the job, asked questions, when appropriate, prior to proceeding with the job, followed the procedures in sequence, and stopped the job when a concern came up. The WRAP Supervisor was actively involved in the job and the team was very knowledgeable, professional, and performed an excellent job.

The audit team recommends that WRAP review the WEB site to assure they have the latest revision of DOE/WIPP 02-3183, CH Packaging Program Guidance and DOE/WIPP 02-3184 CH Packaging Operations Manual prior to each TRUPACT-II evolution. In addition, the audit team recommends that Hanford obtain a hard copy of the Approved Work Instructions from the WEB site when needed, as Hanford indicated they would in the future, to resolve the AWI issue identified during the demonstration.

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

Block 19a Verified By:

L Dee Scott for //signature on file//

Dee Scott/Joe Willis/Todd Sellmer

8/2/02

Date

Block 19b Trend Cause Code: 6.5 (As stated in TP 3.2 Trend ID and Reporting)