

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: September 25, 2002



REPLY TO
ATTN OF: CBFO:QA:MLC:GS:02-1902:UFC 2300.00

SUBJECT: Corrective Action Verification and Closure of Corrective Action Reports 02-079, 02-081, and 02-084

TO: James Nunz, LASO

The Carlsbad Field Office has completed the verification of corrective actions for the subject Corrective Action Reports (CARs) issued to LANL as a result of Audit A-02-30 in August 2002. The verifications of closure are documented on the attached CAR continuation sheets. The corrective actions were found to be satisfactory and these CARs are now closed.

If you have any questions or require additional information concerning these CAR closures, please contact me at (505) 234-7442.

M. Lea Chism
Quality Assurance Specialist



Attachments

- cc: w/attachments
- A. Holland, CBFO *ED
- K. Watson, CBFO *ED
- R. Knerr, CBFO *ED
- P. Rogers, LANL *ED
- M. Gavett, LANL *ED
- S. Zappe, NMED *ED
- S. Holmes, NMED *ED
- M. Eagle, EPA *ED
- E. Feltcorn, EPA *ED
- D. Winters, DNFSB *ED
- S. Webb, EEG *ED
- B. Walker, EEG *ED
- G. Rodriguez, LASO *ED
- R. Erickson, LASO *ED
- D. Newell, LASO *ED
- A. Pangle, CTAC *ED
- P. Roush, WTS
- CBFO QA Files
- CBFO M&RC

020928



CBFO CORRECTIVE ACTION REPORT

(continuation sheet)

1. CAR No.: 02-079

2. Activity No.: A-02-30

3. Page 1 of

Block # 18 Verification of Corrective Action Completion:

1. Remedial Action

9a,b: Provide OJT to all Transportation Technicians with regards to TRUPACT-II Maintenance Instructions.

Closure Evaluation:

1. LANL provided On-The-Job (OJT) training to the Transportation Technicians in the following areas. Empty Receipt of TRUPACT-II, Payload Assembly, Work Instructions and Usage (ICV vent port plug & O-ring replacement and ICV lid debris seal replacement, replaced upper honey comb screw & washer, replace forklift pocket screw & washer, replace lifting pocket cap, replace OCV lock ring bolt insert, replace ICV & OCV main O-rings), disassemble TRUPACT-II and remove training payload, inspect, clean and assemble ICV for leak testing, ICV leak test, and OCV leak test. OJT was documented on a Sign-In Roster for OJT Training. The Auditors/Technical Specialists reviewed the OJT Sign-In Rosters dated 9/9/02, 9/12/02, 9/13/02, 9/16/02, 9/17/02, 9/18/02, 9/19/02, and 9/20/02.
2. In addition, LANL provided OJT Training to Transportation Technicians in accordance with the requirements and detailed sequential operating instructions of DOE/WIPP 02-3184, *TRUPACT-II CH Packaging Operations Manual*. OJT was documented on a Sign-In Roster for OJT Training (See dates of rosters listed above.). The Auditors/Technical Specialists reviewed the OJT Sign-In Rosters. Examples of training areas included Empty TRUPACT-II Receipt, Payload Assembly, TRUPACT-II Disassembly, Inspection and cleaning of parts, ICV & OCA, TRUPACT-II Loading, and Work Instruction & Usage,
3. The auditors/technical specialists observed a demonstration by LANL Transportation Technicians on September 24, 2002 of TRUPACT-II disassembly, inspection and cleaning of parts and o-rings, dummy payload loading, assembly and helium leak testing of ICV, and assembly and helium leak testing of OCA. In addition, the audit team witnessed the performance of maintenance Work Instructions CH.01, CH.02, and CH.04 during the demonstration. The audit team reviewed data sheets, LANL logbook entries, and maintenance records for the demonstration evolution on 9/24/02.

9c: Provide OJT on the current leak test requirements for DOE/WIPP 02-3184 to all Transportation Technicians that qualified as Level I or Level II Helium Leak Detection Technicians.

Closure Evaluation:

1. LANL provided OJT Training to Transportation Technicians on helium leak testing of the ICV and OCA. See Sign-In Roster for OJT Training Rosters and dates above.
2. The auditors/technical specialists observed helium leak testing of the ICV and OCA during TRUPACT-II demonstration performed September 24, 2002.

Actions Taken to preclude recurrence of the problem:

9a,b, c: Provide retraining to all Transportation Technicians in the areas of minor maintenance and leak testing and establish proficiency requirements such that all minor maintenance activities and leak testing are performed annually.

Closure Evaluation:

1. See Closure Evaluations above for 9a,b and 9c above.
2. LANL is scheduled to start a regular TRUPACT-II shipping schedule in the near term (95 shipments in the next fiscal year) which will assist the Transportation Technicians maintain proficiency in TRUPACT-II operations and helium leak testing.
3. Requalification of Transportation Technicians will be performed every two years.

Based on the above OJT Training and observation of Transportation Technician performance during TRUPACT-II operations, maintenance and leak testing on 9/24/02, closure of CAR 02-079 is recommended by the audit closure verification team.

Block 19a. Verified By: Joe Willis/Todd Sellmer/Dec Scott

Joe Willis/Todd Sellmer/Dec Scott

09/24/02

Date

1. CAR No. 02-081	2. Activity Report No. A-02-30	3. Page	Of
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Block 18. Verification of Corrective Action Completion

Remedial Actions:

Reviewed revisions to TWCP-1.1-QP-007, R10 adding PWRs back into LANL's procedure system. Since the RTR procedure revision deleting PWRs had not received approval, no other procedure revisions were required.

Reviewed drum list and PWR log demonstrating that PWRs had been issued for prohibited items identified in the period during which PWRs were not part of LANL's system.

Reviewed logbook pages indicating the RTR operators assigned PWR numbers in the interim between identification of this CAR and issuance of TWCP-QP-007, R10.

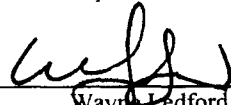
Investigative Actions:

The extent and impact determination by LANL is consistent with what was observed by the audit team.

Actions to Preclude Recurrence:

Reviewed revision to TWCP-1.1-QP-001 stating that all TWCP processes must be proceduralized.

Based on this review, LANL has completed the corrective actions specified in their corrective action plan. Recommend that this CAR be closed.

Block 19a. Verified by: 
Wayne Ledford

Date: 9/25/02

Block 19b Trend Cause Code 6.2

1. CAR No. 02-084 2. Activity Report No. A-02-30 3. Page _____ Of _____

Block 18. Verification of Corrective Action Completion

Remedial Actions:

Reviewed e-mail from G. Bayhurst, LANL WCO to P. Martinez, LANL RTR Operations Leader transmitting VE comparison tables.

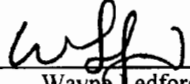
Investigative Actions:

The extent and impact determination by LANL is consistent with what was observed by the audit team.

Actions to Preclude Recurrence:

Reviewed training attendance roster documenting review of requirement for submitting VE information to the RTR facility by the LANL WCOs.

Based on this review, LANL has completed the corrective actions specified in their corrective action plan. Recommend that this CAR be closed.

Block 19a. Verified by: 
Wayne Ledford

Date: 9/25/02

Block 19b Trend Cause Code 3.2