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Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

FEB 18 2015



Mr. Val Cannon, Manager
Quality Assurance
Nuclear Waste Partnership LLC
P.O. Box 2078
Carlsbad, NM 88221-2078

Subject: Verification and Acceptance of Corrective Actions for CAR 15-011 Which Resulted
From Audit A-15-02, Savannah River Site Central Characterization Program

Dear Mr. Cannon:

The Carlsbad Field Office (CBFO) has completed its review and verification of completion of the corrective actions associated with CBFO Corrective Action Report (CAR) 15-011. The results of the verification are documented on the enclosed CAR Continuation Sheet, and indicate that the documentation of completion of corrective actions is acceptable.

The verification concluded that the associated corrective actions have been fulfilled and are satisfactorily implemented, therefore, CAR 15-011 is considered closed.

If you have any questions or comments regarding the CAR closure, I can be reached at (575) 234-7491.

Sincerely,

Dennis S. Miehl
Senior Quality Assurance Specialist

Enclosure



FEB 18 2015

cc: w/enclosure
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M. Navarrete, CBFO ED
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S. Holmes, NMED ED
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C. Smith, NMED ED
V. Daub, CTAC ED
R. Allen, CTAC ED
P. Martinez, CTAC ED
B. Pace, CTAC ED
P. Hinojos, CTAC ED
D. Sellmer, CTAC ED
G. White, CTAC ED
Site Documents ED
CBFO QA File
CBFO M&RC
*ED denotes electronic distribution

CAR CONTINUATION SHEET

1. CAR No: 15-011

2. Activity No: A-15-02

3. Page 1 of 2

Block #17 & 18 Acceptance of Corrective Action Completion and Closure:

The Carlsbad Field Office (CBFO) has reviewed the closure package for Corrective Action Report (CAR) 15-011, including objective evidence and supporting documentation, submitted via Nuclear Waste Partnership LLC (NWP) letter QA:15:00028 UFC:2300.00, from J. E. Hoff to Dennis S. Miehl, Subject: "TRANSMITTAL OF DOCUMENTATION SUPPORTING COMPLETION OF THE CORRECTIVE ACTIONS ASSOCIATED WITH CBFO CORRECTIVE ACTION REPORT 15-011, WHICH RESULTED FROM CBFO AUDIT A-15-02, SAVANNAH RIVER SITE CENTRAL CHARACTERIZATION PROGRAM CHARACTERIZATION AND CERTIFICATION ACTIVITIES FOR CONTACT-HANDLED AND REMOTE-HANDLED TRANSURANIC WASTE"

Italicized text, taken verbatim from the corrective action plan, is used to reflect the correlation between the corrective actions and the method used for verification.

REMEDIAL ACTIONS

The following remedial action has been taken to address the reported condition:

1. CCP is obtaining copies of all original audio/visual files generated by the LCNDE, prior to conversion to DVD format. These files will be turned over to CCP Records as supporting QA record documentation for the containers processed through the LCNDE.

Verification:

Verified CCP has obtained copies of all original audio/visual files generated by the LCNDE, prior to conversion to DVD format. Verified these files were turned over to CCP Records as supporting QA record documentation for the containers processed through the LCNDE. Randomly selected audio/visual files generated by the LCNDE and verified the audio/video media did have the name of the RTR operator, container number, and date as required.

INVESTIGATIVE ACTIONS

The original RTR files were converted into a DVD format that contained all RTR video and audio results. During the conversion process, the videos were cropped to save space on the DVD. The cropped videos show the scans of the containers in their entirety, but the information in the surrounding area has been omitted. Cropping the videos resulted in the loss of the Container ID and Date information entered by the Operator on the video display. The audio portion was unaffected by cropping of the video portion - the entire operator audio is present on the DVD with each container.

Extent

A Large Box unit is also utilized at LANL. Engineers at LANL have reduced the matrix size of the images burned to the DVDs. As a result, DVDs done at LANL include the Container ID and Date information entered by the Operator on the video display.

Impact

There is no technical impact from the reported condition. All DVDs are properly labeled and the RTR Operators state the Container ID of each container, date information and Operator ID on the audio portion of the recording. This is supported by the RTR datasheets that are included in each BDR.

For the above reasons, CCP considers that the "YES" answer given by the ITRs for Question 15 was acceptable.

Verification:

The investigative actions as described are deemed appropriate to address the condition adverse to quality identified in the CAR.

CAR CONTINUATION SHEET

1. CAR No: 15-011

2. Activity No: A-15-02

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ROOT CAUSE DETERMINATION

The necessity of cropping images resulted from an upgrade to the LCNDE unit. The imaging upgrade was obtained by SRS from the equipment manufacturer and was necessary to improve the units imaging capability. The upgrade package resulted in a higher resolution matrix that had to be reduced in size in order to be archived to a DVD. The solution implemented by engineers at SRS was to crop the video image.

Engineers at LANL came up with a better solution for the Large Box unit there. By adjusting the resolution, they made it unnecessary to crop the video; Container ID and date information appear in the DVDs for containers characterized on the Large Box unit at LANL. This information was not communicated within CCP so that, at SRS, video files continued to be cropped.

Verification:

The root cause investigation described adequately addresses the scope of the deficiency identified in the CAR.

ACTIONS TO PRECLUDE RECURRENCE

There are no plans to use the LCNDE unit for any characterization activities in the future. However, CCP will alert engineers/RTR operators to the solution for such conditions (i.e., adjusting the resolution so that the resulting DVDs capture Container ID and characterization date). This action will be accomplished via the Lessons Learned program.

1. *CCP will issue a Lessons Learned on the importance of sharing problem solutions among characterization teams in the field. The Lessons Learned will alert engineers/RTR operators to the solution found by engineers at LANL for the situation (adjusting the resolution instead of cropping the image).*

Verification:

Reviewed and verified that CCP issued Lessons Learned Number LL-2014-14 on the importance of sharing problem solutions among characterization teams in the field. LL-2014-14 alerted engineers/RTR operators to the solution found by engineers at LANL for the situation (adjusting the resolution instead of cropping the image). Verified CCP characterization teams acknowledged the lessons learned through review of the CCP acknowledgement spreadsheet for LL-2014-14.

Based on the results of the review and verification of the objective evidence included in the CAR 15-011 closure package, it is recommended that CAR 15-011 be closed.

Verification Performed By:


Porf Martinez, CTAC Auditor


Date