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Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221
DEC 14 2017



Ms. Mary McDaniel, Manager
Quality and Contractor Assurance
Nuclear Waste Partnership LLC
P.O. Box 2078
Carlsbad, NM 88221-2078

Subject: Issuance of CBFO CAR 18-006 Identified During Surveillance S-18-16

Dear Ms. McDaniel:

The Carlsbad Field Office (CBFO) performed Surveillance S-18-16 of the Advanced Mixed Waste Treatment Project (AMWTP), December 4 – 7, 2017. The conditions adverse to quality were initially identified during Recertification Audit A-17-04 of the AMWTP at the AMWTP facilities in Idaho Falls, Idaho, on December 12 – 16, 2016. Enclosed is Corrective Action Report (CAR) 18-006 addressing a condition adverse to quality identified during the surveillance specific to the Waste Data System.

Please provide a documented Corrective Action Plan (CAP) for the CAR, ensuring that the required actions indicated in Block 12 of the CAR form are addressed, including a schedule for completion. Please return your CAP to me on or before the due date identified in Block 14a of the CAR form.

If you have any questions or comments concerning the CAR, please contact me at (575) 234-7483.

Sincerely,

Martin P. Navarrete
Senior Quality Assurance Specialist

Enclosure



cc: w/enclosure

- R. Murray, EM-3.113 *ED
- J. Carswell, CBFO ED
- M. Brown, CBFO ED
- J. R. Stroble, CBFO ED
- M. Navarrete, CBFO ED
- M. Fineran, CBFO ED
- M. Stapleton, CBFO ED
- N. Castaneda, CBFO ED
- H. Cruickshank, CBFO ED
- J. Zimmerman, DOE-ID ED
- J. Malmo, DOE-ID ED
- J. VanVliet, DOE-ID ED
- D. Pruitt, DOE-ID ED
- J. Britain, NWP ED
- M. Percy, NWP ED
- B. Pace, NWP ED
- C. Simmons, NWP ED
- J. Harvill, NWP ED
- J. Carter, NWP ED
- M. Ramirez, NWP ED
- M. Valentine, NWP ED
- T. Sellmer, NWP ED
- V. Ballew, NWP ED
- S. Salz, NWP ED
- A. Boyea, NWP ED
- A.J. Fisher, S1C ED
- J. Walsh, EPA ED
- J. Ellis, EPA ED
- T. Peake, EPA ED
- E. Feltcom, EPA ED
- R. Joglekar, EPA ED
- J. Kieling, NMED ED
- R. Maestas, NMED ED
- D. Biswell, NMED ED
- H. Tellez, NMED ED
- T. Runyon, CTAC ED
- P. Martinez, CTAC ED
- C. Castillo, CTAC ED
- M. Leroy, CTAC ED
- J. Vernon, CTAC ED
- P. Hinojos, CTAC ED
- G. White, CTAC ED

CBFO QA File

CBFO M&RC

*ED denotes electronic distribution

CBFO CORRECTIVE ACTION REPORT

1. CAR No.: 18-006	2. Activity Report No.: S-18-16	3. Page 1 of 2
4. Controlling document: DOE/CBFO-94-1012 Rev. 13 <i>Quality Assurance Program Document</i>	5. Responsible CBFO Manager: N/A	
6. Responsible organization: NWP	7. CAQ discussed with: Mark Percy/Mike Valentine/Mike Ramirez	
8. Requirement: DOE/CBFO-94-1012 Rev. 13, <i>Quality Assurance Program Document</i> , Section 6.10.2.6 states "User documentation shall be sufficient to allow any qualified user (i.e. one having adequate technical background) to install and run the software and properly respond to errors. User documentation, at a minimum, shall include [E] A description of any required training necessary to use the software."		
9. Condition Adverse to Quality (CAQ): See Continuation Sheet		
10. CAR Initiator: <div style="display: flex; justify-content: space-between;"> Printed Name: Jim Vernon 12/13/17 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> FOR Date </div>		
11. Deficiency classification:		12. Type of actions required:
11a. Significant CAQ? (If "Yes", go to block 15b)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	12a. Remedial? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
11b. Work Suspension recommended? (If "Yes", go to block 15b)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	12b. Investigative? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
11c. WAP-related Deficiency?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	12c. Causal Analysis? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
11d. Accelerated corrective action required? (If "Yes", go to block 14b)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	12d. Actions to Preclude Recurrence? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
13. Trend Code: AK-03		
14a. Response due date: JAN 12, 2018		
14b. Required corrective action completion date: N/A		
15. Concurrence:		
a. Quality Assurance Director/Quality Assurance Representative:	Michael Brown	12-14-17
Printed Name:		Date
b. CBFO Office of Quality Assurance Director: (If SCAQ, work suspension, or accelerated corrective action; otherwise mark as "N/A")	N/A	
Printed Name:		Date
16. Acceptance of Proposed Corrective Actions:		
Printed Name and Title:		Date
17. Acceptance of Corrective Action Completion:		
Printed Name:		Date
18. Closure:		
Printed Name:		Date

CAR CONTINUATION SHEET

1. CAR No: 18-006	2. Activity No: S-18-16	3. Page 2 of 2
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Block 9. Condition Adverse to Quality:

In review of the Advanced Mixed Waste Treatment Project, (AMWTP) procedure associated with the implementation of the Enhanced AK process, the surveillance team noted that training on the Enhanced AK process in the Waste Data System, (WDS) was not provided by the WDS Data Administrators. AMWTP developed the Enhanced AK procedure to include WDS data entry based on DOE/WIPP-09-3427, *Waste Data System User's Manual*. DOE/WIPP-09-3427 does not describe the required input of Enhanced AK data into WDS, including data validation and verification as well as the number of independent reviewers.

INSTRUCTIONS FOR PROVIDING A CORRECTIVE ACTION PLAN

**WASTE ISOLATION PILOT PLANT
U.S. DEPARTMENT OF ENERGY
Carlsbad Field Office**

INSTRUCTIONS FOR PROVIDING A CORRECTIVE ACTION PLAN

You are requested to provide a corrective action plan (CAP) in response to this corrective action report (CAR) by the date identified in block 14a of the CAR. If this date cannot be met, provide a written request for extension to the Quality Assurance Representative with courtesy copy to the Office of Quality Assurance Director. This request must include justification for the delay and must be provided seven calendar days prior to the response due date (CAR block 14a).

The CAP shall address the corrective actions indicated in CAR block 12. As appropriate, develop the plan in accordance with the following sequence and format:

In order to develop the CAP, perform an investigative action to determine the extent and impact of the deficiency and to identify the causal factors. Next, determine the actions required to correct the adverse condition. The plan shall include the following information, as appropriate to CAR block 12.

1. Corrective action response for CAR # 18-006
 - A. **Remedial Actions**-Describe actions required or taken to correct the specific conditions noted and any similar conditions identified during discovery.
 - B. **Investigative Actions**-Describe the investigative actions performed to determine the extent and impact of the deficiency and the results of the investigation. This will include a determination of the acceptability of any data generated prior to resolution of the deficiency.
 - C. **Causal Analysis**-Identify the causal factor(s) of the CAR condition. Refer to Step 5.3.2 if the CAR was issued to CBFO or Step 5.3.3 if the CAR was issued to a participant organization.
 - D. **Actions to Preclude Recurrence**-Identify the corrective actions required to address the causal factors of the condition in order to preclude recurrence.

NOTE: Schedule for completion of corrective actions is always required.

2. For each action above, identify the anticipated (or actual, if complete) completion date.
3. The response must identify the individual having the overall responsibility for completion of the corrective actions.