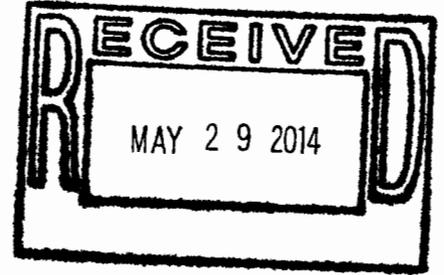




Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

MAY 29 2014



Mr. Jon E. Hoff, Manager
Quality Assurance
Nuclear Waste Partnership LLC
P.O. Box 2078
Carlsbad, New Mexico 88221-2078

Subject: Issuance of CARs 14-041 and 14-042 Identified During Surveillance S-14-20,
SRS/CCP Radiological Characterization of Sealed Sources Activities

Dear Mr. Hoff:

The Carlsbad Field Office (CBFO) performed Surveillance S-14-20 of the Savannah River Site (SRS) Central Characterization Program (CCP) Radiological Characterization of Sealed Sources Activities on May 13-19, 2014. Enclosed are Corrective Action Reports (CARs) 14-041 and 14-042 addressing the conditions adverse to quality identified during the surveillance.

Please provide documented responses for CARs 14-041 and 14-042, ensuring that the required actions indicated in Block 12 are addressed, including schedules for completion. Please return your responses to me on or before the due date identified in Block 14a of each of these CARs.

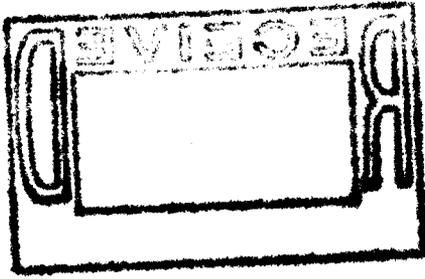
If you have any questions concerning CARs 14-041 or 14-042, please contact me at (575) 234-7491.

Sincerely,

Dennis S. Miehl
Senior Quality Assurance Specialist

Enclosure





Mr. D.E. Gulbransen

-2-

MAY 29 2014

cc: w/enclosure
M. Brown, CBFO *ED
M. Navarrete, CBFO ED
J.R. Stroble, CBFO ED
T. Morgan, CBFO ED
M. Pinzel, CBFO ED
H. Crapse, DOE-SRS ED
F. Sharif, NWP/CCP ED
E. Gulbransen, NWP/CCP ED
V. Cannon, NWP/CCP ED
W. Ledford, NWP/CCP ED
A.J. Fisher, NWP/CCP ED
M. Walker, NWP/CCP ED
I. Joo, NWP/CCP ED
J. Carter, NWP/CCP ED
B. Allen, NWP/QA ED
S. Punchios, NWP/QA ED
S. Escareno-Soto, NWP/QA ED
T. Peake, EPA ED
L. Bender, EPA ED
E. Feltcorn, EPA ED
R. Joglekar, EPA ED
S. Ghose, EPA ED
R. Lee, EPA ED
J. Kieling, NMED ED
T. Kliphuis, NMED ED
S. Holmes, NMED ED
R. Maestas, NMED ED
C. Smith, NMED ED
Site Documents ED
V. Daub, CTAC ED
R. Allen, CTAC ED
P. Martinez, CTAC ED
B. Pace, CTAC ED
P.Y. Martinez, CTAC ED
P. Hinojos, CTAC ED
G. White, CTAC ED

CBFO QA File

CBFO M&RC

*ED denotes electronic distribution

CORRECTIVE ACTION REPORT

1. CAR No.: 14-041	2. Activity Report No.: S-14-20	3. Page 1 of 2
4. Controlling document: CCP-QP-022	5. CBFO Assessment Team Leader: Dennis S. Miehl	
6. Responsible organization: NWP/CCP		
7a. CAQ/CAR Owner (Office Director): N/A	7b. CAQ was discussed with: W. Ledford and D. Ott	
8. Requirement that is involved: See Continuation Sheet		
9. Condition Adverse to Quality (CAQ): See Continuation Sheet		
10. Suggested actions (Optional): None		
11a. Significant CAQ? (If 'Yes', go to block 15b) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 11b. Work Suspension recommended? (If 'Yes', go to block 15b) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 11c. RCRA related? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 11d. Accelerated corrective action required? (If 'Yes', go to block 15b) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 11e. Does this CAQ affect waste streams BNINW216 or BNINW218? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	12. Type of actions required: Remedial? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Investigative? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Root Cause Determination? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Actions to Preclude Recurrence? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
13a. Trend Code: SW-05	13b. CAR Initiator: <u>J. R. Schuetz</u> <small>(printed name)</small> J. R. Schuetz	Date: 05/29/2014
14a. Response due date: 06/30/2014		
14b. Required corrective action completion date: N/A		
15. Concurrence:		
a. Assessment Team Leader (if applicable): <u>D. S. Miehl</u> <small>(printed name)</small> Dennis S. Miehl		Date: 5-29-14
b. CBFO Quality Assurance Director: <u>Michael R. Brown</u> <small>(printed name)</small> Michael R. Brown, Director OQA		Date: 5/29/2014
16. Acceptance of Proposed Corrective Actions: _____ <small>(printed name)</small> _____ Date: _____		
17. Acceptance of Corrective Action Completion: _____ <small>(printed name)</small> _____ Date: _____		
18. Closure: _____ <small>(printed name)</small> _____ Date: _____		

CAR CONTINUATION SHEET

1. CAR No: 14-041	2. Activity No: S-14-20	3. Page 2 of 2
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Block # 8 Requirement that is involved: (Continued)

Procedure CCP-QP-022, *CCP Software Quality Assurance Plan*, Rev. 13, Section 1.1, Scope, states in part that "This SQAP applies to all computer software including applications developed within Commercial-Off-The-Shelf (COTS)..."

Block # 9 Condition Adverse to Quality: (Continued)

Documentation of verification of values in the calculations taken from the "SRS-630 Sealed Source Characterization" spreadsheet and presented in Calculation No. SRS-RH-88, *Sealed Source Characterization for SRS-630 Drums*, appears to be inadequate in scope. Software quality assurance per CCP-QP-022 has not been performed for the spreadsheet referenced in the calculation (Microsoft Office 2010 Excel spreadsheet "SRS-630 Sealed Source Characterization"). A full check/verification of the spreadsheet values and formulae have not been performed. The stated requirement is interpreted to indicate that the spreadsheet within calculation SRS-RH-88 should be controlled.

CORRECTIVE ACTION REPORT

1. CAR No.: 14-042	2. Activity Report No.: S-14-20	3. Page 1 of 2
4. Controlling document: CCP-QP-022	5. CBFO Assessment Team Leader: Dennis S. Miehls	
6. Responsible organization: NWP/CCP		
7a. CAQ/CAR Owner (Office Director): N/A	7b. CAQ was discussed with: W. Ledford and D. Ott	
8. Requirement that is involved: See Continuation Sheet		
9. Condition Adverse to Quality (CAQ): See Continuation Sheet		
10. Suggested actions (Optional): None		
11a. Significant CAQ? (If 'Yes', go to block 15b) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 11b. Work Suspension recommended? (If 'Yes', go to block 15b) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 11c. RCRA related? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 11d. Accelerated corrective action required? (If 'Yes', go to block 15b) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 11e. Does this CAQ affect waste streams BNINW216 or BNINW218? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	12. Type of actions required: Remedial? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Investigative? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Root Cause Determination? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Actions to Preclude Recurrence? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
13a. Trend Code: SW-01	13b. CAR Initiator: <u>J. R. Schuetz</u> (printed name) J. R. Schuetz	Date: 05/29/2014
14a. Response due date: 06/30/2014		
14b. Required corrective action completion date: N/A		
15. Concurrence:		
a. Assessment Team Leader (if applicable):	<u>D. S. Miehls</u>	Date: 5-29-14
	(printed name) Dennis S. Miehls	
b. CBFO Quality Assurance Director:	<u>Michael R. Brown</u>	Date: 5/29/14
	(printed name) Michael R. Brown, Director OQA	
16. Acceptance of Proposed Corrective Actions: _____ Date: _____		
17. Acceptance of Corrective Action Completion: _____ Date: _____		
18. Closure: _____ Date: _____		
(printed name) _____		

CAR CONTINUATION SHEET

1. CAR No: 14-042	2. Activity No: S-14-20	3. Page 2 of 2
<p>Block # <u>8</u> Requirement that is involved: (Continued)</p> <p>DOE/CBFO-94-1012, Rev. 11, <i>Quality Assurance Program Document</i>, Section 2.1.2 B., Implementing Procedures, states in part that "Implementing procedures shall include the following information, as appropriate to the work to be performed:...". Definition and specification of Software Quality Assurance (SQA) requirements in an overall plan as well as within individual procedures of specific focus are "technical requirements" per subparagraph 2, and are "prerequisites" per subparagraph 5, indicating that the application of SQA should be addressed in implementing procedures.</p> <p>Block # <u>9</u> Condition Adverse to Quality: (Continued)</p> <p>Procedure CCP-TP-514, Rev. 1, <i>CCP Procedure for Radiological Calculation Package Submittal</i>, does not address performance of verification of software applications that are part of calculations or application of SQA to software used within calculations.</p>		