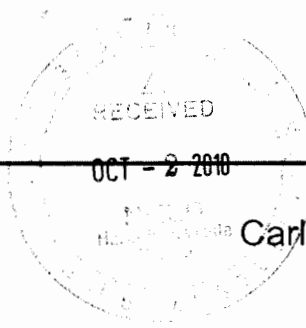


United States Government

memorandum

Department of Energy

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: OCT 02 2018

REPLY TO
ATTN OF: CBFO:OQA:DSM:JM:18-2065:UFC 2300.00

SUBJECT: Recertification Audit A-19-09 of the SRS-CCP Transuranic Waste Characterization and Certification Program

TO: D. Ferguson, DOE-SR

Please be advised that an audit team from the U.S. Department of Energy (DOE) Carlsbad Field Office (CBFO) will conduct a recertification audit of the Savannah River Site Central Characterization Program (SRS-CCP). The audit will take place at the Skeen-Whitlock Building in Carlsbad, New Mexico, November 6 – 8, 2018. The SRS-CCP characterization activities for contact-handled summary category groups (SCGs) S3000 solids, S4000 soils/gravel, S5000 debris waste, and remote-handled SCG S5000 debris waste will be evaluated during the audit. The audit will be conducted in accordance with the attached audit plan.

If you have any questions or comments concerning the audit, please contact me at (575) 234-7491.

Dennis S. Miehl
Senior Quality Assurance Specialist

Attachment



cc: w/attachment
R. Murray, EM *ED
T. Shrader, CBFO ED
D. Gadbury, CBFO ED
C. Fesmire, CBFO ED
M. Navarrete, CBFO ED
M. Stapleton, CBFO ED
N. Castaneda, CBFO ED
T. Carver, CBFO ED
J. Craig, DOE-SR ED
B. Covert, NWP ED
S. Strong, NWP ED
M. Percy, NWP/CCP ED
R. Lee, NWP/CCP ED
R. Reeves, NWP/CCP ED
B. Pace, NWP/CCP ED
C. Simmons, NWP/CCP ED
J. Harvill, NWP/CCP ED
J. Carter, NWP/CCP ED
M. McDaniel, NWP/QA ED
C. Tyler, NWP/QA ED
V. Ballew, NWP/QA ED
S. Saiz, NWP/QA ED
A. Boyea, NWP/QA ED
J. Walsh, EPA ED
J. Ellis, EPA ED
T. Peake, EPA ED
E. Feltcorn, EPA ED
J. Kieling, NMED ED
R. Maestas, NMED ED
D. Biswell, NMED ED
H. Tellez, NMED ED
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T. Runyon, CTAC ED
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C. Castillo, CTAC ED
M. Leroch, CTAC ED
P. Yanez, CTAC ED
D. Harvill, CTAC ED
G. White, CTAC ED
Site Documents ED
CBFO QA File
CBFO M&RC
*ED denotes electronic distribution

CARLSBAD FIELD OFFICE AUDIT PLAN

Audit Number: A-19-09

Organization to be Audited Savannah River Site (SRS), Nuclear Waste Partnership LLC (NWP) Central Characterization Program (CCP)

Organizations to be Notified: SRS
NWP
New Mexico Environment Department (NMED)
U.S. Environmental Protection Agency (EPA)
Defense Nuclear Facilities Safety Board

Date and Location: November 6 – 8, 2018
Skeen Whitlock Building, Carlsbad, New Mexico

Audit Team:

Dennis Miehl	Carlsbad Field Office (CBFO) Quality Assurance Management Representative
Priscilla Yanez	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Rick Castillo	Auditor, CTAC (C6 QA)
Paul Gomez	Technical Specialist, CTAC (PL V&V)
Ricardo Chavez	Technical Specialist, CTAC (AK)
Dick Blauvelt*	Technical Specialist, CTAC (AK)
Randy Fitzgerald*	Technical Specialist, CTAC (AK)
Paul Gomez	Technical Specialist, CTAC (PL V&V)
Jim Vernon*	Technical Specialist, CTAC (WWIS/WDS)

*Participating via telecom

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of the technical and quality assurance (QA) activities performed by NWP/CCP at SRS for characterization of contact-handled (CH) Summary Category Groups (SCGs) S3000 solids, S4000 soils/gravel, S5000 debris waste, and remote-handled (RH) SCG S5000 debris waste.

Waste Characterization activities at the SRS have been suspended and no field characterization activities have been performed.

A list of the equipment and processes to be evaluated is attached to this plan (Attachment 1).

Governing Documents/Requirements:

Evaluation of the overall program adequacy, implementation, and effectiveness of SRS/CCP documents will be based on the current revisions of the following documents:

- DOE/CBFO-94-1012, *Quality Assurance Program Document*
- Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM4890139088-TSDF
- DOE/WIPP-02-3122, *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*
- DOE/WIPP-07-3372, *Waste Isolation Pilot Plant Documented Safety Analysis (Chapter 18)*
- DOE/WIPP-02-3214, *Remote-Handled TRU Waste Characterization Program Implementation Plan*

Programmatic and technical checklists will be developed from the current revisions of the following documents:

- CCP-PO-001, *CCP Transuranic Waste Characterization Quality Assurance Project Plan*
- CCP-PO-002, *CCP Transuranic Waste Certification Plan*
- Related NWP SRS/CCP QA and technical implementing procedures

Activities to be Audited:

General

- Results of Previous Audits
- Changes in Programs or Operations
- New Programs or Activities Being Implemented
- Changes in Key Personnel

C6-1 through C6-4 and general QA program elements as applicable

- Nonconformances
- Personnel Qualification and Training
- Records

Technical Activities to be evaluated

- Project-Level Data Validation and Verification (PLV&V)
- Acceptable Knowledge (AK), including waste certification
 - Including, but not limited to, Enhanced Chemical Compatibility Evaluation Memorandum, Basis of Knowledge, AK Assessments, AK Briefings, Interface Waste Management Documents List
- WIPP Waste Information System/Waste Data System (WWIS/WDS)

Schedule of Audit Activities:

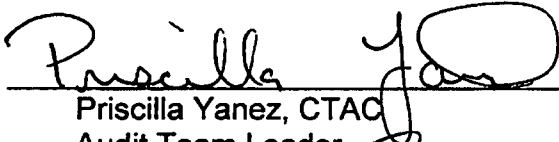
Audit activities will be conducted in Carlsbad, New Mexico.

A pre-audit conference is scheduled for 9:00 a.m. on Tuesday, November 6, 2018, at the Skeen-Whitlock Building, Conference Room T-224.

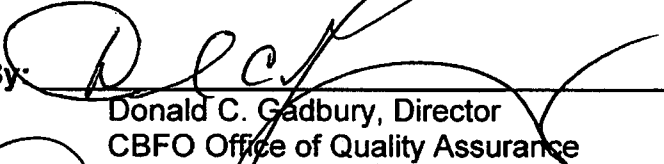
Audit team caucuses will be held at 3:00 p.m. on Tuesday and Wednesday, November 6 and 7, and at 1:00 p.m. on Thursday, November 8, 2018, at the Skeen-Whitlock Building, CTAC Conference Room.

If needed, the audit team leader will conduct a management briefing with appropriate NWP/CCP Management at 8:30 a.m. on Wednesday and Thursday, November 7 and 8, 2018, at the Skeen-Whitlock Building, Conference Room T-224.

A post-audit conference is scheduled for 2:00 p.m. on Thursday, November 8, 2018, at the Skeen-Whitlock Building, Conference Room T-224.

Approved By: 
Priscilla Yanez, CTAC
Audit Team Leader

Date: 10-1-18

Approved By: 
Donald C. Gadbury, Director
CBFO Office of Quality Assurance

Date: 10-1-18



10-1-18

SRS CCP NTP 2018 CH and RH Audit Recertification Scope

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
PROCESSES OR EQUIPMENT TO BE EVALUATED FOR RECERTIFICATION				
1NABC1	Nondestructive Assay Procedures – CCP-TP-189 and CCP-TP-191 Description – Box Segmented Gamma System (BSGS) and Box Neutron Assay System (BNAS), Five Foot Setback Configuration	Solids (S3000) Soils/Gravel (S4000) Debris (S5000)	N/A	*Suspended
1LCNDE	Real-time Radiography Procedure – CCP-TP-053 and CCP-TP-074 Description – Large Container Non-Destructive Examination (LCNDE) Unit – standard waste boxes (SWBs) and SLB2s	Solids (S3000) Soils/Gravel (S4000) Debris (S5000)	*Suspended	*Suspended
1RR4	Real-time Radiography Procedure – CCP-TP-053 and CCP-TP-145 Description – RTR-4, 55-gallon drums and standard waste boxes (SWBs), Standard large box 2s (SLB2s)	Solids (S3000) Soils/Gravel (S4000) Debris (S5000)	*Suspended	*Suspended
VISUAL	Visual Examination Procedure – CCP-TP-113 and CCP-TP-163 Description – VE QC Check for RTR, VE in lieu of RTR, VE for Retrievably Stored Waste	Solids (S3000) Soils/Gravel (S4000) Debris (S5000)	*Suspended	*Suspended
1RHVE1	Visual Examination Procedures – CCP-TP-163 and CCP-TP-500 Description – Visual Examination of Records for Remote-Handled for Waste Stream SR-RH-SDD.01 only	Debris (S5000)	*Suspended	*Suspended
1DTC1	Dose-to-Curie Procedure – CCP-TP-504 Description – Radiological Characterization	Debris (S5000)	N/A	*Suspended

SRS CCP NTP 2018 CH and RH Audit Recertification Scope

Attachment 1
 Audit A-19-09
 Page 2 of 2

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
16311	Dose-to-Curie (Sealed Sources) Procedure – CCP-RC-SRS-631 Description – Radiological Characterization	Debris (S5000)	N/A	*Suspended
N/A	Acceptable Knowledge (AK)	Solids (S3000) Soils/Gravel (S4000) Debris (S5000)	YES	YES
N/A	Data Generation and Project Level Validation and Verification (V&V)	Solids (S3000) Soils/Gravel (S4000) Debris (S5000)	YES	YES
N/A	WIPP Waste Information System/Waste Data System (WWIS/WDS)	Solids (S3000) Soils/Gravel (S4000) Debris (S5000)	YES	YES
N/A	Quality Assurance Program	Solids (S3000) Soils/Gravel (S4000) Debris (S5000)	N/A	YES

*Waste Characterization activities at the SRS have been suspended and no field characterization activities have been performed.