



Westinghouse Electric Company
Nuclear Fuel
Columbia Fuel Fabrication Facility
5801 Bluff Road
Hopkins, South Carolina 29061
USA

SCDHEC, BLWM
Kim Kuhn
2600 Bull Street
Columbia, SC 29201

Direct tel: 803.647.1920
Direct fax: 803.695.3964
e-mail: joynerdp@westinghouse.com
Your ref:
Our ref: LTR-RAC-19-95

December 3, 2019

Subject: November 2019 CA Progress Report

Ms. Kuhn:

In accordance with Item 19 of Consent Agreement (CA) 19-02-HW, this progress report is being submitted to you, including the following requested information:

- (a) a brief description of the actions which Westinghouse has taken toward achieving compliance with the Consent Agreement during the previous month;
- (b) results of sampling and tests, in tabular summary format received by Westinghouse during the reporting period;
- (c) brief description of all actions which are scheduled for the next month to achieve compliance with the Consent Agreement, and other information relating to the progress of the work as deemed necessary or requested by the Department; and
- (d) information regarding the percentage of work completed and any delays encountered or anticipated that may affect the approved schedule for implementation of the terms of the Consent Agreement, and a description of efforts made to mitigate delays or avoid anticipated delays.

In response to the above requirements, the following is being reported to the Department since the last progress report on **November 4, 2019**:

- (a) Actions during the previous month:
Westinghouse began implementation of the Remedial Investigation (RI) Work Plan on 6/10/19. To comply with **Item 4** of the CA, the following actions were completed this month.
 - Completed locational surveys for environmental data collected in support of the RI Work Plan and Conceptual Site Model (CSM) development (sediment and surface water sampling locations)
 - Completed the following activities to support the Southern Storage Area (SSA) Operable Unit (OU) per Work Plan Addendum 1
 - Emptied intermodal containers

- Intermodal container C-33 was safely emptied of its contents on 11/19/19.
 - No radiological contamination was found inside the container.
- Intermodal container C-39 was safely emptied of its contents on 11/25/19.
 - No radiological contamination was found inside the container during the preliminary survey. A final survey is pending.
- Transported 8 empty intermodal containers off site for recycle on November 5 and 6.
 - 6 containers (C-18, C-26, C-29, C-30, C-35, and C-46) were reported as planned shipments in the October 2019 progress report.
 - 2 containers (C-20, C-25) were added since the last progress report.
- Packaged 5 intermodal containers onto trailers (November 6 and 14) for off-site disposal as low-level radioactive waste. The shipment is scheduled for December 3.
 - 4 containers (C-28, C-31, C-44, and C-65) were reported as planned shipments in the October 2019 progress report.
 - 1 container (C-32) was added since the last progress report.
- Conducted soil sampling under removed intermodal containers per Department-approved SSA Operable Unit Intermodal Container Work Plan.
 - Data analysis is in process and upon receipt and validation, results will be submitted in a monthly progress report.
- Requested a meeting to discuss the status and next steps for the water supply well survey.
- Conducted sediment transect sampling per the Work Plan as approved by the Department.
 - Data analysis is in process and upon receipt and validation, results will be submitted in a monthly progress report.
- Established an external CFFF webpage to facilitate additional and timely information sharing with external stakeholders.

(b) Results of sampling and tests:

- None.

(c) Brief description of all actions which are scheduled for the next month:

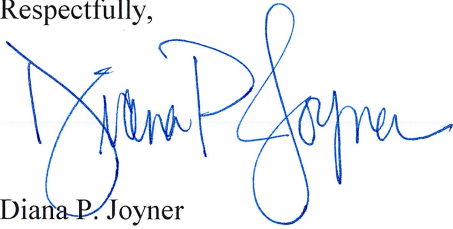
- In accordance with **Item 4** of the CA, Westinghouse will continue to implement the Work Plan to include the following actions:
 - In November the site conducted Phase 1 sampling identified in Addendum 2 to the RI Work Plan, entitled “Wastewater Treatment Area Operable Unit East Lagoon Sludge Characterization, Revision 1”. The results will be submitted in a separate report due December 6, 2019.
 - Meet with the Department to discuss the status and next steps for the water supply well survey.
 - Continue emptying intermodal containers in the SSAOU.
 - Conduct soil sampling under any removed intermodal containers per Department-approved Operable Unit Intermodal Container Work Plan (LTR_RAC-19-87, October 30).

- Incorporate environmental sampling data into the CSM in preparation for a meeting with SCDHEC on January 9, 2020.

(d) Percentage of work completed and any delays encountered or anticipated:

- 100% of proposed sediment transect sampling completed

Respectfully,



Diana P. Joyner
Principal Environmental Engineer
Westinghouse Electric Company, CFFF
803.497.7062 (m)

Cc: N. Parr, Environmental Manager
J. Ferguson, EH&S Manager
J. Grant, AECOM Project Manager
ENOVIA Record