



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

SCDES, BLWM  
Greg Cassidy  
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-24-56

November 13, 2024

Subject: **October** 2024 CA Progress Report

Mr. Cassidy:

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) a 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 submitted on **October 10, 2024**. The following progress report is for work occurring from **October 1- 31, 2024**:

- (a) Actions during the previous month:
  - Completed semiannual sampling of 118 groundwater wells.
  - Submitted a request on October 10 (LTR-RAC-24-50) to properly abandon groundwater wells W-85 and W-86 after the completion of October 2024 sampling to support future activities associated with the LEU+ facility construction.
  - Began maintenance repairs to groundwater well casings and covers identified during semiannual inspections.
  - Conducted a site visit for AECOM personnel on October 14 to assess stormwater control measures for the Middle Ditch.
  - Began drafting the Middle Ditch Soil Removal Work Plan.
  - Submitted the groundwater fate and transport modeling slide presentation to DES on October 14 (LTR-RAC-24-53).

- Identified preferred pilot study (PS) locations and completed ground penetrating radar (GPR) in those locations.
  - Conducted a site tour on October 15 with the AECOM PS team to review the GPR results.
  - Continued the design for bench scale and pilot tests to be included in the Pilot Test Work Plan.
- (b) Results of sampling and tests:
- **None**
- (c) Brief description of all actions which are scheduled for the next month:
- Continue maintenance repairs to groundwater well casings and covers identified during semiannual inspections.
  - Submit the Middle Ditch Soil Removal Work Plan on or before November 30.
  - PS:
    - Continue the design and evaluation for bench scale and pilot tests to be included in the Pilot Test Work Plan, including any needed adjustments to the design for GPR survey results and underground utility information for CFFF.
- (d) Percentage of work completed, and any delays encountered or anticipated:
- 100% of the **Remedial Investigation** is complete.
  - 100% of the **Groundwater Flow Model** is completed.
  - 100% of the **Feasibility Study Work Plan** is completed.
  - 99% of the **Groundwater Fate and Transport Model** is completed.
  - 90% of the **Feasibility Study** is completed.
  - 30% of the **Pilot Study Work Plan** is completed.
  - Currently there are no anticipated delays.

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  
S. Subosits, Licensing Engineer  
ENOVIA Records