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-25-52

November 13, 2025

Subject: **October** 2025 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 7, 2025.** The following progress report is for work occurring from **October 1- 31, 2025**:

(a) Actions during the previous month:
- Conducted confirmatory soil sampling in "Area 2" of the site's Middle Ditch on October 17th in accordance with the plan approved by the South Carolina Department of Environmental Services (SCDES) to ensure impacted soil was removed.
    - Results were received and evaluated in late October. The results were well below the proposed site-specific Derived Concentration Guideline Levels and industrial use screening limits. However, several locations were 60-80% of the site's soil low-level investigation threshhold of 10 pCi U/g. This threshold is intentionally set very low, far below regulatory limits, to ensure early detection and proactive management. As a precaution, the site decided to conservatively remove additional soil in targeted areas of the middle ditch.

- Made surface repairs to groundwater monitoring wells W-115, W-116, W-117, and W-118 on October 7, following damage identified during forestry management activities at the site.
    - October water level / depth measurements indicated sediment accumulation in three of the four wells, which was likely introduced during the repair process.
    - Based on water level measurements and the inability to properly redevelop these wells, Westinghouse decided to replace them. The replacement work and subsequent abandonment of the damaged wells are scheduled for December 3rd and 4th.
- Completed the October 2025 semiannual groundwater sampling (118 existing wells plus two newly installed wells W-23A and W-127 which will provide the same boundary coverage as the wells being taken out of service).

Pilot Study Work Plan

- Followed the post-injection sampling and analysis plan for the CVOC pilot study area, allowing for the interaction and dispersion of the remedial amendment with groundwater prior to the first performance groundwater sampling event in December.
- Scheduled the 3-month post-injection groundwater sampling for the CVOC study area on December 1st through the 3rd in accordance with the Underground Injection Control permit approved by SCDES.
- Collected groundwater from W-6 to support the bench scale study at Clemson University.

(b) Results of sampling and tests:
None

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

- Continue Middle Ditch impacted soil removal in "Area 2".
- Collect additional confirmatory soil samples from "Area 2" of the Middle Ditch where impacted soil is removed.
- Submit groundwater well abandonment paperwork to SCDES for W-115, W-116, and W-117 and obtain the permit for replacement well installations.

Pilot Study Work Plan

- Transport the groundwater sample from groundwater well W-6 to Clemson University to support the Technetium-99 (Tc-99) bench-scale treatability study.
- Begin the Tc-99 bench-scale treatability study work.
- Schedule Clemson University professor Dr. Brian Powell and research students for a site tour. Dr. Powell and his team will be performing a bench-scale treatability studies for Tc-99, as approved by SCDES to support the Westinghouse Pilot Study Work Plan.

(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.
- 100% of the **Groundwater Fate and Transport Model** is completed.
- 90% of the **Feasibility Study** is completed.
- 100% of the **Pilot Study Work Plan** is completed.
- 26% of the **Pilot Study** is implemented.
- Currently there are no anticipated delays.

Respectfully,

Diana P. Joyner
Lead 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
M. Frassica, Licensing Engineer
ENOVIA Records