

Westinghouse Electric Company

Nuclear Fuel

Columbia Fuel Fabrication Facility

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USA

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Your ref:

Our ref: LTR-RAC-24-35

June 10, 2024

Subject: May 2024 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) 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 May 6, 2024. The following progress report is for work occurring from May 1-31, 2024:

(a) Actions during the previous month:

In accordance with **Item 7** of the Consent Agreement and to support completion of the **Feasibility Study (FS) Report** due on or before November 30, 2024, Westinghouse continued work as follows:

- Conducted Middle Ditch profile sampling on May 7-8, 2024 including a site visit by DHEC personnel.
- Groundwater flow model:
  - o Finished documenting the fate and transport modeling effort in a slideshow presentation.
  - o AECOM conducted internal review and final edits of the presentation.
  - o Scheduled a meeting to present the groundwater modeling results to CFFF personnel.

- FS:
  - o Conducted a site visit to CFFF.
  - o Continued remedial alternatives design.
  - o Began evaluation of remedial alternatives.
- (b) Results of sampling and tests:
  - None
- (c) Brief description of all actions which are scheduled for the next month:
  - Submit the tabulated results and isoconcentration maps of the semiannual groundwater sampling campaign conducted in April 2024 (118 wells).
  - Groundwater flow model:
    - AECOM will present the groundwater modeling results to CFFF personnel for review and comment.
      - Schedule and present the groundwater modeling results to DHEC.
  - FS:
- o Continue remedial alternatives design.
- o Continue evaluation of remedial alternatives.
- (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.
  - 90% of the **Groundwater Fate and Transport Model** is completed.
  - 48% of the **Feasibility Study** is completed:
    - o Identification of remedial action objectives/goals (complete)
    - Screening of remedial technologies (complete)
    - Development and evaluation of remedial alternatives (30% complete, 75% of overall FS).
  - 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**