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August 8, 2024

Subject: **July 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 **July 3, 2024**. The following progress report is for work occurring from **July 1- 31, 2024**:

- (a) Actions during the previous month:
 - Conducted groundwater sampling in W-56 for isotopic uranium analysis on July 2.
 - Submitted the semiannual groundwater data to DES on July 27 in an abbreviated format, "Monitoring Data Table Summary" as specified in the site's NPDES permit.

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:

- Groundwater flow model:
 - Continued the sensitivity analysis and added the results to the presentation.
 - Shared the sensitivity results with Westinghouse via email.

- Prepared a presentation and scheduled a meeting to share the groundwater modeling results with DES personnel on August 22.
- FS:
 - Completed an evaluation of remedial alternatives.
 - Presented the FS progress to CFFF personnel on July 17 and refined the remedial alternatives designs based on client comments.
 - Scheduled a meeting with Westinghouse and DES personnel on August 1 to discuss the progress of the FS.
 - Began developing the preliminary conceptual designs and costs.
 - Completed evaluation of remedial alternatives.
 - Continued drafting the FS report.

(b) Results of sampling and tests:

● **W-56 Groundwater Monitoring on July 2**

Per its environmental data management program, CFFF has been monitoring this area of groundwater impact, including wells downgradient of W-56. Concentrations of U in groundwater from monitoring well W-73, approximately 35 feet downgradient of W-56, and groundwater from monitoring well pair W-74 and W-75, located approximately 110 feet downgradient of W-56, have no U impact from CFFF operations. The U-238 isotope has been detected at estimated concentrations less than 0.2 ug/L in groundwater from W-73, W-74, and W-75, consistent with naturally occurring background concentrations.

CFFF began quarterly sampling of groundwater from monitoring well W-56 following assessment of the October 2023 data. Results from both the February 2024 (463 ug/L) and the April 2024 (302 ug/L) groundwater samples indicated that the U concentration was decreasing, but the sample taken on July 2, 2024 contained a U concentration of 510 ug/L. The next groundwater sampling will occur in October 2024.

The isolated U impact in groundwater from W-56 is 4,000 feet from the CFFF property boundary. No active sources have been identified, and there have been no leaks, spills or manufacturing upsets. The site's Conceptual Site Model also remains unchanged.

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

- Groundwater flow model:
 - Present the groundwater flow, fate and transport modeling and sensitivity analysis results to DES on August 22.
 - Refine the GW model and sensitivity analysis based on DES comments.
- FS:
 - Conduct a progress meeting with Westinghouse and DES personnel on August 1.
 - Refine remedial alternatives design based on DES comments.
 - Complete the draft FS Report.

(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.
- 95% of the **Groundwater Fate and Transport Model** is completed.
- 85% of the **Feasibility Study** is completed:

- Identification of remedial action objectives/goals (complete)
- Screening of remedial technologies (complete)
- Development and evaluation of remedial alternatives (80% complete, 75% of overall FS).
- Currently there are no anticipated delays.

Respectfully,



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