

CCR Rule Semi-Annual Remedy Selection Progress Report

Wateree Generating Station Ash Pond Eastover, South Carolina December 11, 2022

In accordance with 40 CFR Part 257.97(a) of the EPA Coal Combustion Residuals (CCR) Rule, this report presents an update on the progress of selecting a remedy to address arsenic and lithium in groundwater in the vicinity of the Ash Pond at the Dominion Energy South Carolina (DESC) Wateree Generating Station in Wateree, Richland County, South Carolina. This report is the seventh semi-annual remedy selection progress report for the Wateree Generating Station Ash Pond.

A corrective measures assessment was initiated for the Ash Pond in response to groundwater protection standard exceedances in one or more downgradient groundwater monitoring wells. Pursuant to 40 CFR §257.96, an Assessment of Corrective Measures (ACM) Report was completed and placed in the unit's operating record on June 17, 2019. Based on the results of the corrective measures assessment, Dominion Energy must, as soon as feasible, select a remedy that meets the standards listed in 40 CFR §257.97(b). A summary of the progress selecting a remedy is provided in the selections below.

Summary of Actions Completed to Date

The following interim measures and actions have been completed to date:

- A Closure Plan for the Ash Pond was submitted to the South Carolina Department of Health and Environmental Control (DHEC) in January 2013 and approved in February 2013. The Closure Plan included provisions for removing the coal ash and the underlying 2 feet of soil via excavation and subsequently backfilling the pond with clean fill.
- Coal ash and soil removal operations were completed on September 11, 2019, with approximately 2,150,000 cubic yards of coal ash was excavated and removed from the pond along with approximately 412,000 cubic yards of underlying soil.
- From the period of 2012 through June 2016, coal ash was removed from the Ash Pond for recycling, and from July 2016 to September 11, 2019, coal ash removal was conducted as part of pond closure operations and was placed in the on-site Class 3, lined landfill for disposal.

Planned Activities

The following activities are planned:

- Complete the work plan for the assessment and demonstration of the effectiveness of Monitored Natural Attenuation (MNA) as a remedy and implement the work associated with the MNA evaluation study;
- Award a contract for consultant engineers to conduct a MNA evaluation study of the geochemical environment and natural recovery capacities of the uppermost aquifer beneath the pond;

- Continue to comply with groundwater monitoring requirements as permitted under a National Pollutant Discharge System (NPDES) permit issued by SCDHEC;
- Continue to comply with groundwater monitoring requirements as required by 40 CFR Part 257 CCR Rule.