

**Remedy Selection Progress Report  
Winyah Generating Station, Ash Pond A  
§257.97**

Overview

The South Carolina Public Service Authority (Santee Cooper) is implementing the April 17, 2015 U.S. Environmental Protection Agency (U.S. EPA) Federal Coal Combustion Residuals (CCR) Rule (40 CFR § 257 and 261) for the Winyah Generating Station, located in Georgetown County, South Carolina.

Requirement

§257.97 The owner or operator must prepare a semiannual report describing the progress in selecting and designing the remedy.

Summary of Actions Completed to Date

To date, the following activities have been completed in selecting and designing a remedy:

- A corrective measures assessment (CMA) report for Winyah Ash Pond A was completed September 2019 and placed on the publicly available website.
- A public meeting was held on December 10, 2019 at Winyah Generating Station to allow the public to comment on the remedial alternatives outlined in the CMA report.
- Through Santee Cooper's ongoing beneficial use program, the volume of CCR in the Pond has been furthered reduced to support the closure by removal option. Since the beginning of 2021, more than 60,000 tons of CCR material have been reclaimed from Winyah Ash Pond A for beneficial use and an additional 110,000 tons of CCR material have been disposed of in the on-site Class III Landfill. No additional CCR was placed into the pond during this timeframe.
- Additional research and evaluation were conducted to further evaluate the appropriateness of the preferred remedy prior to final selection by:
  - Delineating the bottom of the ash (i.e. ash/soil interface) via multiple borings including sample collection, visual observations, and mapping the bottom of the ash. This has been completed.
  - Delineating the bottom of any contaminated in-situ soil via multiple borings including sample collection and mapping. These soil samples were analyzed for metal constituents as part of the source removal evaluation. The delineation of the bottom of contaminated in-situ soil has been completed but requires South Carolina Department of Health and Environmental Control's approval.
- Abandon and replace one (1) groundwater monitoring well due to dike construction. The dike along the discharge canal was widened as a safety and traffic improvement for heavy equipment.

- Preparation for closure was initiated on April 11, 2021 and the notification of intent to initiate closure was posted on the website.

### Planned Activities

This pond is no longer in service for wastewater treatment or waste disposal. Upcoming tasks related to the Winyah Ash Pond A will include the following:

- Continue groundwater monitoring under assessment monitoring program until groundwater remedial activities are initiated;
- Evaluate the abandonment and replacement of two (2) groundwater monitoring wells due to construction activities. Access to these two wells is being impacted by heavy construction traffic and poses safety concerns for sampling personnel.
- Complete a more detailed review of the groundwater model including a closer examination of the mobility of Appendix IV constituents detected at statistically significant levels above groundwater protection standards;
- Update the groundwater model that evaluates changes in groundwater flow direction under post-closure conditions (currently in progress);
- Continue beneficial use and landfiling activities as an interim measure to reduce the overall volume of waste in the Pond;
- Continue the evaluation of soil analysis data and determine the extent of soil excavation as part of source removal; and
- Complete the Remedy Selection Report;