

Certification/Demonstration for 2-Year Extension of Time to Complete Closure
40 CFR §257.102(f)
Cross Generating Station
CCR Unit: Bottom Ash Pond

The South Carolina Public Service Authority (Santee Cooper) is implementing the April 17, 2015, U.S. EPA Federal Coal Combustion Residuals (CCR) Rule (40 CFR 257) for the Bottom Ash Pond at Cross Generating Station, located in Berkeley County, South Carolina.

In accordance with §257.102(e), Santee Cooper initiated closure of the Bottom Ash Pond on August 31, 2020. Santee Cooper is closing this 79-acre surface impoundment by removal in accordance with §257.102(c) and the written closure plan.

Santee Cooper is required to obtain an air construction permit from the South Carolina Department of Health and Environmental Control (SCDHEC) for hauling excavated material to the on-site landfill. A final permit was received in September 2023. One permit condition is not to exceed 25 tons/year of fugitive dust emissions. Based on the designated hauling route from the Bottom Ash Pond to the on-site Class 3 Landfill, Santee Cooper can haul a maximum of 400,000 tons of CCR material per year and still meet this permit condition.

Given that an August 2023 survey documented a remaining CCR material quantity of approximately 1.88 million tons and the limited tonnage that can be moved while complying with the permit condition for fugitive dust, it will take an estimated 4.7 years to complete removal activities which exceeds the two years remaining in the closure period. Santee Cooper has evaluated multiple options to prevent extending the closure period given the air permit restrictions (e.g., pursuing a Prevention of Significant Deterioration permit, changing the haul route, and improving unpaved road surfaces), and it has been determined that the closure period could not be significantly reduced.

Based on the demonstration above, Santee Cooper is certifying a 2-year extension due to a factor beyond our control (i.e., permit requirement) to change the closure deadline of August 31, 2025, to August 31, 2027.

Santee Cooper will continue to meet the CCR requirements for the Cross Bottom Ash Pond during the extended closure period.

Certification:

I, William Stevick, certify under penalty of law that I have personally examined and am familiar with the information submitted in this demonstration and all attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature 

Date 11/9/20

