



Table with permit details: Company Name (Santee Cooper Winyah Generating Station), Agency Air Number (1140-0005), Permit Number (CP-50000038 v1.0), Permit Writer (James Myers), Date (December 31, 2024)

DATE APPLICATION RECEIVED: November 16, 2022
DATE OF OCRM APPROVAL: February 6, 2023

FACILITY DESCRIPTION

SIC Code: 4911 - Electric Services
NAICS Code: 221112 - Fossil Fuel Electric Power Generation

This facility consists of four coal-fired boilers and supporting equipment including coal handling and byproduct handling.

PROJECT DESCRIPTION

Under Section 169A of the Clean Air Act, the South Carolina Implementation Plan (SIP) is required to contain measures necessary to make reasonable progress toward meeting the national goal for visibility protection for Federal Class I areas. This construction permit documents the limits that will be promulgated into 40 CFR 52 - Approval and Promulgation of Implementation Plans, Subpart PP - South Carolina.

LIMIT

The facility will limit sulfur dioxide (SO2) from boilers B01, B02, B03, and B04 to less than or equal to 0.20 lbs/million Btu. This emission limit is from Table 2 to 40 CFR 63 Subpart UUUUU. The emissions will be averaged across all four boilers and determined on a 30-group boiler operating day basis.

MONITORING

The facility will use continuous emission monitors (CEMs) to determine the SO2 emissions from each boiler. The boilers are subject to 40 CFR 63 Subpart UUUUU and use 40 CFR Part 75 for the monitoring of the CEMs. The Part 75 monitoring required by Subpart UUUUU will be used for the monitoring of the CEMs for compliance with this limit.

STARTUP/SHUTDOWN

The 0.2 lbs/million Btu limit does not apply during periods of startup or shutdown. The facility is subject to 40 CFR 63 Subpart UUUUU. The facility will use the requirements of this regulation to minimize emissions during startup and shutdown periods. If the final rule is repealed or amended, the facility will continue to use the version of the rule published on February 2, 2012.

MALFUNCTION

Emissions during periods of process malfunctions will be included in determining the 30-day averages.



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REPORTING

Reports of the 30-day SO2 emission averages will be reported quarterly along with the records required for the startup and shutdown events.

OPERATING PERMIT INCORPORATION

So that this project can be incorporated into the TV OP as an administrative permit amendment, this project will be public noticed in accordance with:

- South Carolina Regulation 61-62.70.7(d)(1)(v) - Incorporates into the Part 70 permit the requirements from preconstruction review permits authorized under an EPA-approved program...

PUBLIC NOTICE

This construction permit has undergone a 30-day public notice period and a 45-day EPA comment period in accordance with SC Regulation 61-62.1, Section II(E), SC Regulation 61-62.1, Section II(N), SC Regulation 61-62.70.7(d)(1)(v), SC Regulation 61-62.70.7(h), and SC Regulation 61-62.70.8.

SUMMARY AND CONCLUSIONS

It has been determined that this source, if operated in accordance with the submitted application, will meet all applicable requirements and emission standards.