

**OFFICE OF ENVIRONMENTAL QUALITY CONTROL
BUREAU OF AIR QUALITY
PSD, NSPS, CASE-BY-CASE MACT, SYNTHETIC MINOR CONSTRUCTION PERMIT**

Santee Cooper (Cross Generating Station)
553 Cross Station Road
Pineville, SC 29436

Permission is hereby granted to install two (2) coal-fired boilers, also firing up to 30% petcoke by weight on either boiler. Each boiler (#03 and #04) will supply steam to a single steam turbine/generator set. The new boilers are each rated at 5,400 million BTU/hr (normal pressure rating), 5,700 million BTU/hr (overpressure rating) with an output of 660 MW each. These boilers will be equipped with Low NO_x burners (LNBs), Selective Catalytic Reduction systems (SCRs), Flue Gas Desulfurization (FGDs) (wet limestone scrubbers), and Electrostatic Precipitators (ESPs) for control of NO_x, SO₂, and PM/PM₁₀ emissions, respectively. These boilers will be subject to 40CFR60, Subparts A and Da; Section 112(g), Case-By-Case-MACT; and Acid Rain requirements. A coal handling system consisting of coal bunkers (6 bunkers in each of the two sets) for the two boilers and coal conveyors to each bunker set will be installed. This coal handling system will be subject to 40CFR60, Subparts A and Y. An ash handling system for each boiler will also be installed. Two emergency generators rated at 1,500 kW each fired on No. 2 fuel oil with 0.05% sulfur or less will be provided for backup power. A 380 HP fire pump will be provided for fire protection. Storage tanks will also be constructed for storage of fuels and ammonia. Six (6) 30,000 gallon anhydrous ammonia storage tanks will be subject to Section 112(r), Risk Management Program. A limestone handling system will also be installed consisting of a reclaim hopper, conveyors, storage pile, and truck unloading. The reclaim hopper, platform conveyor, (2) ball mills, conveyor to transfer tower, and (2) conveyors to silo will be subject to 40CFR60, Subparts A and OOO. A gypsum handling system will also be installed consisting of conveyors to drops, storage piles, and truck loading. The gypsum conveyors will be subject to 40CFR60, Subparts A and OOO. These processes will all be subject to SC Regulation 62.5, Standard No. 7 – “Prevention of Significant Deterioration” (PSD), as well as other state regulations described in the Special Conditions section of this permit. In addition, because SO₂, NO_x and H₂ SO₄ pollutants are netting out of SC Regulation 62.5, Standard No. 7, these pollutants are subject to SC Regulation 62.1, Section II(H) – “Synthetic Minor Plant Permits.”

NOTWITHSTANDING ANY OF THE CONDITIONS LISTED BELOW, NO APPLICABLE LAW, REGULATION, OR STANDARD MAY BE VIOLATED.

CONDITIONS

1. All official correspondence, plans, permit application forms, and written statements are an integral part of this permit.
2. **THE DIRECTOR OF THE ENGINEERING SERVICES DIVISION MUST BE NOTIFIED IN WRITING OF THE DATE CONSTRUCTION BEGAN POSTMARKED NO LATER THAN 30 DAYS AFTER SUCH DATE, AND THE ACTUAL DATE OF STARTUP POSTMARKED WITHIN 15 DAYS AFTER SUCH DATE OF EACH PERMITTED FACILITY.**

PERMIT NUMBER: 0420-0030-CI

PLANT LOCATION: 553 Cross Station Road - Pineville

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3. This construction permit shall expire eighteen months from date issued. This permit may be extended one year upon approval by the Bureau following the written request from the permittee. This request must be made prior to the permit expiration.
4. An expired construction permit may be reactivated within one year of the expiration only upon approval by the Bureau following the written request of the permittee. This request shall address all laws, regulations, and standards applicable at the time of request for reactivation.

This is pursuant to the provisions of Section 48-1-110, 1976 *Codes of South Carolina*, as amended, and the *South Carolina Air Quality Control Regulation 61-62.1*, Section II and the *Code of Federal Regulations*, Title 40, Part 60, Subpart A.

I. STANDARD CONDITIONS

- A. This permit expressly incorporates all the provisions of *South Carolina Department of Health and Environmental Control Regulation 61-62.1*, Section II, Paragraph C and the *Code of Federal Regulations*, Title 40, Part 60, Subpart A.

II. SPECIAL CONDITIONS

A. EMISSION LIMITATIONS

Air pollutant emissions shall not exceed the following:

ID	Pollutant/Standard	Limit	Reference Method	Regulation	State Only
Boilers 03 and 04	Opacity	20%	9	SC Regulation 61-62.5, Std. No. 1 40 CFR 60, Subpart Da	No
Boilers 03 and 04	PM	0.03 lb/million BTU	5, 5B or 17	40 CFR 60, Subpart Da	No
Boilers 03 and 04	PM	0.015 lb/million BTU	5, 5B or 17	SC Regulation 61-62.5, Std. No. 7	No
Boilers 03 and 04	PM ₁₀	0.018 lb/million BTU	201, 202	SC Regulation 61-62.5, Std. No. 7	No
Boilers 03 and 04	CO	0.16 lb/million BTU	10	SC Regulation 61-62.5, Std. No. 7	No
Boilers 03 and 04	VOC	0.0024 lb/million BTU	18, 25 or 25A	SC Regulation 61-62.5, Std. No. 5.1 SC Regulation 61-62.5, Std. No. 7	No
Boilers 03 and 04	SO ₂	0.6 lb/million BTU and 70% removal efficiency (30-day rolling avg.)	6 or 6C	40 CFR 60, Subpart Da	No
Boilers 03 and 04	SO ₂	0.13 lb/million BTU (365-day rolling avg.)	6 or 6C	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boilers 03 and 04	SO ₂	95% removal efficiency (365-day rolling avg.)	6 or 6C	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boilers 03 and 04	SO ₂	3,250 tpy, each (365-day rolling sum)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boilers 03 and 04	H ₂ SO ₄	0.0014 lb/million BTU (365-day rolling avg.)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No

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ID	Pollutant/ Standard	Limit	Reference Method	Regulation	State Only
Boilers 03 and 04	NO _x	1.6 lb/megawatt-hr (0.185 lb/million BTU) (30-day rolling avg.)	7 or 7E	40 CFR 60, Subpart Da	No
Boilers 03 and 04	NO _x	0.08 lb/million BTU (365-day rolling avg.)	7 or 7E	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boilers 03 and 04	NO _x	2,278 tpy, each (365-day rolling sum)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boilers 03 and 04	Lead	1.69 E-05 lb/million BTU, each	29	SC Regulation 61-62.5, Std. No. 7	No
Boilers 03 and 04	Mercury	3.6 E-06 lb/million BTU, each	29	SC Regulation 61-62.5, Std. No. 7 SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	HCl	2.4 E-03 lb/million BTU, each	26	SC Regulation 61-62.5, Std. No. 7 SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	HF	3.0 E-04 lb/million BTU, each	13	SC Regulation 61-62.5, Std. No. 7 SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Beryllium	8.44 E-07 lb/million BTU, each	29	SC Regulation 61-62.5, Std. No. 7 SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Antimony	7.0 E-07 lb/million BTU, each	29	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Arsenic	1.6 E-05 lb/million BTU, each	29	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Cadmium	2.1 E-06 lb/million BTU, each	29	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Chromium	1.4 E-05 lb/million BTU, each	29	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Cobalt	4.0 E-06 lb/million BTU, each	29	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Manganese	2.0 E-05 lb/million BTU, each	29	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Nickel	1.1 E-05 lb/million BTU, each	29	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	Selenium	5.2 E-05 lb/million BTU, each	29	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	SO ₂ , NO _x	See Acid Rain Permit	N/A	40 CFR 72, 73, 75, and 76	No
Boiler 01	SO ₂	5,295 tpy (365-day rolling sum) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	SO ₂	3,350 tpy (365-day rolling sum) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	SO ₂	0.23 lb/million BTU (365-day rolling avg.) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	SO ₂	0.15 lb/million BTU (365-day rolling avg.) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No

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ID	Pollutant/ Standard	Limit	Reference Method	Regulation	State Only
Boiler 01	SO ₂	86% removal efficiency (365-day rolling avg.) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	SO ₂	91% removal efficiency (365-day rolling avg.) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	H ₂ SO ₄	0.0025 lb/million BTU (365-day rolling avg.) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	H ₂ SO ₄	0.0016 lb/million BTU (365-day rolling avg.) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	NO _x	6,116 tpy (365-day rolling sum) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	NO _x	5,000 tpy (365-day rolling sum) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	NO _x	0.27 lb/million BTU (365-day rolling avg.) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 01	NO _x	0.22 lb/million BTU (365-day rolling avg.) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	SO ₂	7,277 tpy (365-day rolling sum) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	SO ₂	5,973 tpy (365-day rolling sum) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	SO ₂	0.32 lb/million BTU (365-day rolling avg.) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	SO ₂	0.26 lb/million BTU (365-day rolling avg.) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	SO ₂	75% removal efficiency (365-day rolling avg.) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	SO ₂	86% removal efficiency (365-day rolling avg.) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	H ₂ SO ₄	0.0034 lb/million BTU (365-day rolling avg.) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	H ₂ SO ₄	0.0028 lb/million BTU (365-day rolling avg.) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No

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Boiler 02	NO _x	6,662 tpy (365-day rolling sum) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	NO _x	5,500 tpy (365-day rolling sum) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	NO _x	0.29 lb/million BTU (365-day rolling avg.) (See Note 1)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boiler 02	NO _x	0.24 lb/million BTU (365-day rolling avg.) (See Note 2)	N/A	SC Regulation 61-62.5, Std. No. 7 avoidance	No
Boilers 03 and 04	PM	0.015 lb/million BTU (30-day rolling avg.)	5, 5B or 17	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	SO ₂	0.25 lb/million BTU (30-day rolling avg.)	6 or 6C	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	SO ₂	95% removal efficiency (30-day rolling avg.)	N/A	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 03 and 04	NO _x	0.08 lb/million BTU (30-day rolling avg.)	7 or 7E	SC Regulation 61-62.63 (Case-By- Case-MACT)	No
Boilers 01-04 combined	SO ₂	8.25 tons/3 hours (3-hour rolling sum)	N/A	to meet 3 hr AAS	No
Boilers 01-04 combined	SO ₂	60 tons/day (24-hour rolling sum)	N/A	to meet 24 hr AAS	No
Boilers 01-04	SO ₂	0.38 lb/million BTU (24-hour rolling avg.) (See Condition 45)	6 or 6C	to meet 24 hr AAS	No
Boilers 03 and 04	SO ₂	0.44 lb/million BTU (24-hour rolling avg.) (See Condition 44)	6 or 6C	to meet 24 hr AAS	No
COAL HANDLING: P19a-f P20a-f	Opacity	20%	9	40 CFR 60, Subpart Y SC Regulation 61-62.5, Std. No. 4	No
FLY ASH HANDLING: Fly Ash Silo #3 Fly Ash Silo #4	Opacity	20%	9	SC Regulation 61-62.5, Std. No. 4	No
LIMESTONE HANDLING: P36 P36a P36c P36d P36e P36f P36g P36h	Opacity	7% from conveyor transfer points 7% if controlled by baghouse 20%	9	40 CFR 60, Subpart OOO 40 CFR 60, Subpart OOO SC Regulation 61-62.5, Std. No. 4	No
LIMESTONE HANDLING: F36 F36a F36b P36b	Opacity	10% from fugitive sources 20%	9	40 CFR 60, Subpart OOO SC Regulation 61-62.5, Std. No. 4	No

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ID	Pollutant/ Standard	Limit	Reference Method	Regulation	State Only
GYPSUM HANDLING: F35a F35b F35c F35e F35d F35f	Opacity	10% from fugitive sources 20%	9	40 CFR 60, Subpart OOO SC Regulation 61-62.5, Std. No. 4	No
COOLING TOWER: CT3 CT4	Opacity	20%	9	SC Regulation 61-62.5, Std. No. 4	No
COAL HANDLING: P19a-f P20a-f	PM	1.4 lb/hr 1.4 lb/hr	5	SC Regulation 61-62.5, Std. No. 7	No
FLY ASH HANDLING: Fly Ash Silo #3 Fly Ash Silo #4	PM	0.002 lb/hr 0.002 lb/hr	5	SC Regulation 61-62.5, Std. No. 7	No
LIMESTONE HANDLING: P36 P36a P36c P36d P36e P36f P36g P36h	PM	0.0002 lb/hr 0.0002 lb/hr 0.02 lb/hr 0.0002 lb/hr 0.0002 lb/hr 0.0002 lb/hr 0.0002 lb/hr 0.0002 lb/hr	5	SC Regulation 61-62.5, Std. No. 7	No
LIMESTONE HANDLING: F36 F36a F36b P36b	PM	0.02 lb/hr 0.29 lb/hr 0.02 lb/hr 0.02 lb/hr	N/A	SC Regulation 61-62.5, Std. No. 7	No
GYPSUM HANDLING: F35a F35b F35c F35e F35d F35f	PM	0.018 lb/hr 0.018 lb/hr 0.037 lb/hr 0.29 lb/hr 0.29 lb/hr 2.3 lb/hr	N/A	SC Regulation 61-62.5, Std. No. 7	No
COOLING TOWER: CT3 CT4	PM	1.86 lb/hr (each tower)	N/A	SC Regulation 61-62.5, Std. No. 7	No

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LIMESTONE HANDLING: P36 P36a P36c P36d P36e P36f P36g P36h	PM	0.02 grains/dscf (point sources)	5	40 CFR 60, Subpart OOO	No
COAL HANDLING: P19a-f P20a-f	PM	83.0 lb/hr (each bunker system)	5	SC Regulation 61-62.5, Std. No. 4	No
FLY ASH HANDLING: Fly Ash Silo #3 Fly Ash Silo #4	PM	43.4 lb/hr (each silo system)	5	SC Regulation 61-62.5, Std. No. 4	No
LIMESTONE HANDLING: F36 F36a F36b P36 P36a P36b P36c P36d P36e P36f P36g P36h	PM	38.8 lb/hr, total	5 (N/A for F36, F36a, F36b, P36b)	SC Regulation 61-62.5, Std. No. 4	No
GYPNUM HANDLING: F35a F35b F35c F35e F35d F35f	PM	56.5 lb/hr, total	N/A	SC Regulation 61-62.5, Std. No. 4	No
COOLING TOWER: CT3 CT4	PM	83.8 lb/hr (each tower)	N/A	SC Regulation 61-62.5, Std. No. 4	No

N/A = Not Applicable

If not listed in the above table, the averaging period is as specified in the associated reference test method.

Note 1 - Applicable upon start of operation of Boiler 03 or Boiler 04, whichever comes first

Note 2 - Applicable upon start of operation of both Boiler 03 and Boiler 04

The above emission limitations are based on operation at rated capacity. Operation at other than rated capacity must meet emission limits specified in the applicable regulations based on that operating rate. All test methods must be the most recent revisions that are published

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in the *Code of Federal Regulations* (40CFR60 Appendix A) as in effect on the date of this permit issuance.

B. CONTINUOUS MONITORING REQUIREMENTS

ID	Pollutant	Averaging Time
Boilers 03 and 04	Opacity	6 minute block average
Boilers 03 and 04	SO ₂	3-hour rolling average 24-hour rolling average 30-day rolling average 365-day rolling average
Boilers 03 and 04	NO _x	30-day rolling average 365-day rolling average
Boilers 01 and 02	SO ₂ and NO _x	365-day rolling average

C. SOURCE TEST SCHEDULE

ID	Pollutant	Frequency	Method	Averaging Time
Boilers 03 and 04	Opacity	Initial, Annual (See Note 1)	9	6 minutes
Boilers 03 and 04	PM	Initial, Annual (See Note 1)	5, 5B or 17	(3) one hour runs
Boilers 03 and 04	PM ₁₀	Initial	201 and 202	(3) one hour runs
Boilers 03 and 04	CO	Initial, Annual	10	(3) one hour runs
Boilers 03 and 04	VOC	Initial	18, 25 or 25A	(3) one hour runs
Boilers 03 and 04	H ₂ SO ₄	Initial	8	(3) one hour runs
Boilers 03 and 04	Lead	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	HCl	Initial	26	minimum of (3) one hour runs
Boilers 03 and 04	HF	Initial	13	minimum of (3) one hour runs
Boilers 03 and 04	Beryllium	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	Mercury	Initial, Annual (See Note 2)	29	minimum of (3) one hour runs
Boilers 03 and 04	Antimony	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	Arsenic	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	Cadmium	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	Chromium	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	Cobalt	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	Manganese	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	Nickel	Initial	29	minimum of (3) one hour runs
Boilers 03 and 04	Selenium	Initial	29	minimum of (3) one hour runs

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ID	Pollutant	Frequency	Method	Averaging Time
Boilers 01 and 02	H ₂ SO ₄	Initial (after startup of each new boiler)	8	(3) one hour runs

Note 1: Testing frequency may be more frequent than annual depending on test results.

Note 2: Annual testing may be rescinded if facility agrees to comply with the MACT for HAP emissions from utility coal-fired power plants.

D. ADDITIONAL CONDITIONS

Condition Number	Conditions
1.	(Facility wide) The permittee shall pay fees in accordance with SC Regulation 61-30, SC Environmental Protection Fees.
2.	(Facility wide) In accordance with SC Regulation 61-62.1 Section II(C)(3), for all sources not required to have continuous emissions monitors, in the event of any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the local Environmental Quality Control (EQC) District office within twenty-four (24) hours after the beginning of the occurrence. The permittee shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ). The report shall contain as a minimum, the following: the identity of the emission unit and associated equipment where excess emissions occurred, the magnitude of excess emissions, the time and duration of excess emissions, the steps taken to remedy the malfunction and to prevent a recurrence, documentation that control equipment and processes were at all times maintained and operated, to the maximum extent practicable, in a manner that was consistent with good practice for minimizing emissions. Such a report shall in no way serve to excuse, otherwise justify, or in any manner affect any potential liability or enforcement action resulting from the occurrence.
3.	(Facility wide) Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal standard. Any changes in the parameters used in the air dispersion modeling may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment A of this permit. Higher emission rates may be administratively incorporated into Attachment A of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded. The owner/operator shall maintain this facility in compliance with the pollutant limitations in Section II(A) - Emissions Limitations, and/or as listed in Attachment A of this construction permit, whichever is more restrictive. This is a State Only enforceable requirement. Should the facility wish to increase the emission rates listed in Attachment A, it may do so by the administrative process specified in this permit condition.

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4.	(CI) These conditions shall not supersede any State or Federal requirements such as National Emission Standards for Hazardous Air Pollutants, unless these conditions would impose a more restrictive limit.																														
5.	(CI) This construction permit was reviewed and issued based on the permit application submitted by the owner/operator. The owner/operator shall obtain any Bureau authorization required under South Carolina Regulation 61-62.1, Section II(A)(1) prior to making modifications not covered under this construction permit.																														
6.	(CI) The owner/operator of this facility must submit a written request to obtain an operating permit to the Director of Engineering Services Division at least fifteen (15) days prior to placing this source into operation. The facility shall also meet the requirements as specified in SC Regulation 61-62.70.7(e).																														
7.	(CI) These sources are subject to all provisions of SC Regulation 61-62.5, Standard No. 7, "Prevention of Significant Deterioration" for PM, PM ₁₀ , CO, VOC, lead, beryllium, mercury, and fluorides.																														
8.	<p>(CI) The Best Available Control Technology (BACT) for Boilers 03 and 04 was determined to be the following:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Pollutant</th> <th style="text-align: center;">BACT</th> <th style="text-align: center;">Limit</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">PM</td> <td style="text-align: center;">Use of electrostatic precipitator</td> <td style="text-align: center;">0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">PM₁₀</td> <td style="text-align: center;">Use of electrostatic precipitator</td> <td style="text-align: center;">0.018 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">CO</td> <td style="text-align: center;">Good combustion practices</td> <td style="text-align: center;">0.16 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">VOC</td> <td style="text-align: center;">Good combustion practices</td> <td style="text-align: center;">0.00241 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Lead</td> <td style="text-align: center;">Use of electrostatic precipitator</td> <td style="text-align: center;">0.0000169 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Beryllium</td> <td style="text-align: center;">Use of electrostatic precipitator</td> <td style="text-align: center;">0.000000844 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Mercury</td> <td style="text-align: center;">Use of electrostatic precipitator Use of FGD Scrubber</td> <td style="text-align: center;">0.015 lb/million BTU (PM) 0.25 lb/million BTU (SO₂) 95% scrubbing efficiency</td> </tr> <tr> <td></td> <td style="text-align: center;">Use of LNB and SCR</td> <td style="text-align: center;">0.08 lb/million BTU (NO_x)</td> </tr> <tr> <td style="text-align: center;">HF</td> <td style="text-align: center;">Use of FGD Scrubber</td> <td style="text-align: center;">0.25 lb/million BTU (SO₂) 95% scrubbing efficiency</td> </tr> </tbody> </table>	Pollutant	BACT	Limit	PM	Use of electrostatic precipitator	0.015 lb/million BTU	PM ₁₀	Use of electrostatic precipitator	0.018 lb/million BTU	CO	Good combustion practices	0.16 lb/million BTU	VOC	Good combustion practices	0.00241 lb/million BTU	Lead	Use of electrostatic precipitator	0.0000169 lb/million BTU	Beryllium	Use of electrostatic precipitator	0.000000844 lb/million BTU	Mercury	Use of electrostatic precipitator Use of FGD Scrubber	0.015 lb/million BTU (PM) 0.25 lb/million BTU (SO ₂) 95% scrubbing efficiency		Use of LNB and SCR	0.08 lb/million BTU (NO _x)	HF	Use of FGD Scrubber	0.25 lb/million BTU (SO ₂) 95% scrubbing efficiency
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9.	<p>(CI) The Case-by-Case MACT (112(g)) Determination for Boilers 03 and 04 was determined to be the following:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Pollutant</th> <th style="text-align: center;">BACT</th> <th style="text-align: center;">Limit</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Mercury</td> <td>Use of electrostatic precipitator Use of FGD Scrubber Use of LNB and SCR</td> <td>0.015 lb/million BTU (PM) 0.25 lb/million BTU (SO₂) 95% scrubbing efficiency 0.08 lb/million BTU (NO_x)</td> </tr> <tr> <td style="text-align: center;">Lead</td> <td>Use of electrostatic precipitator</td> <td>0.0000169 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Beryllium</td> <td>Use of electrostatic precipitator</td> <td>0.000000844 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Antimony</td> <td>Use of electrostatic precipitator</td> <td>7.0 E-07 lb/million BTU PM – 0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Arsenic</td> <td>Use of electrostatic precipitator</td> <td>1.6 E-05 lb/million BTU PM – 0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Cadmium</td> <td>Use of electrostatic precipitator</td> <td>2.1 E-06 lb/million BTU PM – 0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Chromium</td> <td>Use of electrostatic precipitator</td> <td>1.4 E-05 lb/million BTU PM – 0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Cobalt</td> <td>Use of electrostatic precipitator</td> <td>4.0 E-06 lb/million BTU PM – 0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Manganese</td> <td>Use of electrostatic precipitator</td> <td>2.0 E-05 lb/million BTU PM – 0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Nickel</td> <td>Use of electrostatic precipitator</td> <td>1.1 E-05 lb/million BTU PM – 0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">Selenium</td> <td>Use of electrostatic precipitator</td> <td>5.2 E-05 lb/million BTU PM – 0.015 lb/million BTU</td> </tr> <tr> <td style="text-align: center;">HCl</td> <td>Use of FGD Scrubber</td> <td>2.4 E-03 lb/million BTU SO₂ – 0.25 lb/million BTU Scrubber efficiency – 95%</td> </tr> <tr> <td style="text-align: center;">HF</td> <td>Use of FGD Scrubber</td> <td>3.0 E-04 lb/million BTU SO₂ – 0.25 lb/million BTU Scrubber efficiency – 95%</td> </tr> </tbody> </table>	Pollutant	BACT	Limit	Mercury	Use of electrostatic precipitator Use of FGD Scrubber Use of LNB and SCR	0.015 lb/million BTU (PM) 0.25 lb/million BTU (SO ₂) 95% scrubbing efficiency 0.08 lb/million BTU (NO _x)	Lead	Use of electrostatic precipitator	0.0000169 lb/million BTU	Beryllium	Use of electrostatic precipitator	0.000000844 lb/million BTU	Antimony	Use of electrostatic precipitator	7.0 E-07 lb/million BTU PM – 0.015 lb/million BTU	Arsenic	Use of electrostatic precipitator	1.6 E-05 lb/million BTU PM – 0.015 lb/million BTU	Cadmium	Use of electrostatic precipitator	2.1 E-06 lb/million BTU PM – 0.015 lb/million BTU	Chromium	Use of electrostatic precipitator	1.4 E-05 lb/million BTU PM – 0.015 lb/million BTU	Cobalt	Use of electrostatic precipitator	4.0 E-06 lb/million BTU PM – 0.015 lb/million BTU	Manganese	Use of electrostatic precipitator	2.0 E-05 lb/million BTU PM – 0.015 lb/million BTU	Nickel	Use of electrostatic precipitator	1.1 E-05 lb/million BTU PM – 0.015 lb/million BTU	Selenium	Use of electrostatic precipitator	5.2 E-05 lb/million BTU PM – 0.015 lb/million BTU	HCl	Use of FGD Scrubber	2.4 E-03 lb/million BTU SO ₂ – 0.25 lb/million BTU Scrubber efficiency – 95%	HF	Use of FGD Scrubber	3.0 E-04 lb/million BTU SO ₂ – 0.25 lb/million BTU Scrubber efficiency – 95%
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10.	<p>(Boilers 03 and 04) These units are permitted to burn only coal, including synfuel, and petcoke blended up to 30% by weight as fuel. Fuel oil No. 2 containing 0.5% or less sulfur may be used for initial firing of each boiler startup. The use of any other substances as fuel is prohibited without prior written approval from the Bureau of Air Quality. During operation of these units (unless operationally prohibited during startup and shutdown), all control devices shall be on line and operating properly to include ESPs, Scrubbers, Low NO_x Burners, and SCR controls.</p> <p>For this permit, the term “coal” and requirements pertaining to coal shall also include the following synthetic fuel-altered coal (synfuel):</p> <ul style="list-style-type: none"> - coal with HES binder (petroleum emulsion - MSDS identification AMI-403) - coal with NALCO 9838 binder (water based vinyl polymer) - coal with Dow Latex DL 298NA (latex based emulsion in water) 																																										
11.	<p>(Boilers 03 and 04) These units are subject to all requirements of 40 CFR 60 Subparts A and Da, New Source Performance Standards for Electric Utility Steam Generating Plants.</p>																																										

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12.	(Boilers 03 and 04) The owner/operator shall maintain daily monitoring of the petcoke blend ratio. This blend shall not exceed 30% by weight blend petcoke. The petcoke blend ratio shall be calculated daily by measuring the weight of the petcoke burned as well as the weight of the entire coal/petcoke mixture. Records of daily petcoke blend ratios shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality along with the quarterly CEMS reports.
13.	(Boilers 03 and 04) The owner/operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel for at least five (5) years following the date of such measurement, maintenance, report and record.
14.	(Boilers 03 and 04) The owner/operator shall install, operate, and maintain continuous emissions monitors (CEMS) for monitoring and reporting of opacity and emissions of NO _x and SO ₂ .
15.	(Boilers 03 and 04) Quarterly reports demonstrating compliance with the sulfur dioxide and nitrogen dioxide limits in accordance with 40CFR Part 60 Subpart Da shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality postmarked no later than 30 calendar days after the end of the reporting period. These reports shall include the 30-day rolling average sulfur dioxide and nitrogen dioxide emission rates in lb/million BTU and shall not include Part 75 monitor downtime. Only actual unbiased measured values shall be used.
16.	(Boilers 03 and 04) The owner or operator is required to submit excess emission reports for any calendar quarter during which there are excess emissions from a boiler. If there are no excess emissions during the calendar quarter, the owner or operator shall submit a report quarterly stating that excess emissions have not occurred during the reporting period. This report shall be submitted to the Manager of the Technical Management Section no later than 30 days after the reporting period.

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17.	<p>(Boilers 03 and 04)</p> <p>A. Notwithstanding the frequency of reporting requirements specified in Condition 16 of this permit, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the following conditions are met:</p> <ul style="list-style-type: none"> i. For 1 full year (e.g., 4 quarterly or 12 monthly reporting periods) the affected facility's excess emissions and monitoring systems reports submitted to comply with a standard under this part continually demonstrate that the facility is in compliance with the applicable standard; ii. The owner or operator continues to comply with all recordkeeping and monitoring requirements specified in this subpart and the applicable standard; and iii. The Bureau does not object to a reduced frequency of reporting for the affected facility, as provided in paragraph (B) of this condition. <p>B. The frequency of reporting of excess emissions and monitoring systems performance (and summary) reports may be reduced only after the owner or operator notifies the Bureau in writing of his or her intention to make such a change and the Bureau does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the Bureau may review information concerning the source's entire previous performance history during the required recordkeeping period prior to the intended change, including performance test results, monitoring data, and evaluations of an owner or operator's conformance with operation and maintenance requirements. Such information may be used by the Bureau to make a judgment about the source's potential for noncompliance in the future. If the Bureau disapproves the owner or operator's request to reduce the frequency of reporting, the Bureau will notify the owner or operator in writing within 45 days after receiving notice of the owner or operator's intention. The notification from the Bureau to the owner or operator will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.</p> <p>C. As soon as monitoring data indicate that the affected facility is not in compliance with any emission limitation or operating parameter specified in the applicable standard, the frequency of reporting shall revert to the frequency specified in the applicable standard, and the owner or operator shall submit an excess emissions and monitoring systems performance report (and summary report, if required) at the next appropriate reporting period following the non-complying event. After demonstrating compliance with the applicable standard for another full year, the owner or operator may again request approval from the Bureau to reduce the frequency of reporting for that standard as provided for in paragraphs (A) and (B) of this condition.</p>
18.	<p>(Boilers 03 and 04) 40CFR60.46a(e) After the initial performance test required under §60.8 compliance with the sulfur dioxide emission limitations and percentage reduction requirements under §60.43a and the nitrogen oxides emission limitations under §60.44a is based on the average emission rate for 30 successive boiler operating days. A separate performance test is completed at the end of each boiler operating day after the initial performance test, and a new 30-day average emission rate for both sulfur dioxide and nitrogen oxides and a new percent reduction for sulfur dioxide are calculated to show compliance with the standards.</p>

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19.	<p>(Boilers 03 and 04) 40CFR60.46a(f) For the initial performance test required under §60.8 compliance with the sulfur dioxide emission limitations and percent reduction requirements under §60.43a and the nitrogen oxides emission limitation under §60.44a is based on the average emission rates for sulfur dioxide, nitrogen oxides, and percent reduction for sulfur dioxide for the first 30 successive boiler operating days. The initial performance test is the only test in which at least 30 days prior notice is required unless otherwise specified by the Administrator. The initial performance test is to be scheduled so that the first boiler operating day of the 30 successive boiler operating days is completed within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of the facility.</p>
20.	<p>(Boilers 03 and 04) The owner or operator shall submit to the Bureau the NO_x and SO₂ performance test data from the initial performance test and performance evaluation of the CEMS using the applicable performance specification in 40 CFR 60 Appendix B.</p>
21.	<p>(Boiler 03 and Boiler 04) 40CFR60.43a On and after the date on which the initial performance test required to be conducted under §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility which combusts solid fuel or solid-derived fuel, any gases which contain sulfur dioxide in excess of:</p> <p>(a)(1) 520 ng/J (1.20 lb/million Btu) heat input and 10 percent of the potential combustion concentration (90 percent reduction), or</p> <p>(a)(2) 30 percent of the potential combustion concentration (70 percent reduction), when emissions are less than 260 ng/J (0.60 lb/million Btu) heat input.</p> <p>Compliance with the emission limitation and percent reduction requirements under this section are both determined on a 30-day rolling average basis.</p>
22.	<p>(Boilers 03 and 04) 40CFR60.44a On and after the date on which the initial performance test required to be conducted under §60.8 is completed, no new source owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility for which construction commenced after July 9, 1997 any gases which contain nitrogen oxides (expressed as NO₂) in excess of 200 nanograms per joule (1.6 pounds per megawatt-hour) gross energy output, based on a 30-day rolling average.</p>
23.	<p>(Boilers 03 and 04) 40CFR60.42a On and after the date on which the performance test required to be conducted under §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility any gases which contain particulate matter in excess of:</p> <p>(1) 13 ng/J (0.03 lb/million Btu) heat input derived from the combustion of solid, liquid, or gaseous fuel;</p> <p>(2) 1 percent of the potential combustion concentration (99 percent reduction) when combusting solid fuel.</p>

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24.	<p>(Boilers 03 and 04) In accordance with SC Regulation 61-62.5, Standard No. 1, Emissions from Fuel Burning Operations and 40CFR 60.42a, Standards Of Performance For Electric Utility Steam Generating Units For Which Construction Is Commenced After September 18, 1978, these boilers shall not discharge into the ambient air smoke which exceeds an opacity of 20% except for one six (6) minute period per hour of not more than 27%. The opacity standards set forth above do not apply during startup or shutdown. The owner/operator shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions. For the opacity standards set forth above to not apply during startup or shutdown the owner/operator shall, for a period of at least five (5) years maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown and make these records available to a Department representative upon request.</p>
25.	<p>(Boilers 03 and 04) Source tests for PM, PM₁₀, SO₂, NO_x, CO, VOC, H₂SO₄, lead, mercury, HCl, HF, antimony, arsenic, cadmium, chromium, cobalt, manganese, nickel, and selenium emissions, and opacity and scrubber efficiency from Boilers 03 and 04 will be required prior to the issuance of a permit to operate. The tests shall be performed within 60 days after achieving maximum production but not later than 180 days after initial start-up. The Bureau must be notified at least two weeks prior to a source test so that a Bureau representative may be present. Source test methodology, to include testing at worst-case conditions, must be approved by the Bureau and comply with SC DHEC Regulation 61-62.1, Section IV - Source Testing.</p> <p>(Boilers 01 and 02) Source tests for H₂SO₄ emissions from Boilers 01 and 02 will be required prior to the issuance of a permit to operate Boilers 03 and 04. The tests shall first be performed within 60 days after achieving maximum production on the first new boiler (Boiler 03 or 04) but not later than 180 days after initial start-up. The tests shall be performed again within 60 days after achieving maximum production on both new boilers (Boilers 03 and 04) but not later than 180 days after initial start-up of the second new boiler. The Bureau must be notified at least two weeks prior to a source test so that a Bureau representative may be present. Source test methodology, to include testing at worst-case conditions, must be approved by the Bureau and comply with SC DHEC Regulation 61-62.1, Section IV - Source Testing.</p>
26.	<p>(Boilers 01, 02, 03 and 04) Notification of intent to source test, performance of source tests, and the reporting of source test results shall comply with Section 60.8 of Subpart A, New Source Performance Standards (NSPS), and with South Carolina Regulation 61-62.1, Section IV, Source Tests.</p>
27.	<p>(Boilers 03 and 04) 40CFR 60.47a The owner or operator of an affected facility shall install, calibrate, maintain, and operate a continuous monitoring system, and record the output of the system, for measuring the opacity of emissions discharged to the atmosphere, except where gaseous fuel is the only fuel combusted. If opacity interference due to water droplets exists in the stack (for example, from the use of an FGD system), the opacity is monitored upstream of the interference (at the inlet to the FGD system). If opacity interference is experienced at all locations (both at the inlet and outlet of the sulfur dioxide control system), alternate parameters indicative of the particulate matter control system's performance are monitored (subject to the approval of the Department and EPA).</p>
28.	<p>(Facility wide) The owner or operator shall maintain all records required by this permit for a period of five years following the date of such record.</p>

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29.	(Boilers 03 and 04) This source is subject to SC Regulation 61-62.96, Nitrogen Oxides (NO _x) Budget Trading Program, and shall comply with all applicable provisions.
30.	(P36, P36a, P36c-h) 40CFR60.672(a) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); and (2) Exhibit greater than 7 percent opacity.
31.	(F36b, P36b, F35a-c) 40CFR60.672(b) On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under §60.11 of this part, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity.
32.	(P19a-f, P20a-f) 40CFR60.252(c) On and after the date on which the performance test required to be conducted by §60.8 is completed, an owner or operator subject to the provisions of this subpart shall not cause to be discharged into the atmosphere from any coal processing and conveying equipment, coal storage system, or coal transfer and loading system processing coal, gases which exhibit 20 percent opacity or greater.
33.	(P19a-f, P20a-f, Fly Ash Silo #3, Fly Ash Silo #4, F36, F36a-b, P36, P36a-h, F35a-f, CT3, CT4) In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.

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Condition Number	Conditions																																				
34.	<p>In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions shall be limited to the rate specified by use of the following equations: for process weight rates less than or equal to 30 tons per hour ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) where E = the allowable emission rate in pounds per hour and P = process weight rate in tons per hour. As such, each unit's allowable particulate matter emission limit is limited to the amount shown in the table below at its nominal production rating:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Process</th> <th style="text-align: center;">Emission Limit (lbs/hr)</th> <th style="text-align: center;">Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">P-19a-f</td><td style="text-align: center;">83.0</td><td style="text-align: center;">1500</td></tr> <tr><td style="text-align: center;">P-20a-f</td><td style="text-align: center;">83.0</td><td style="text-align: center;">1500</td></tr> <tr><td style="text-align: center;">Fly Ash Silo #3</td><td style="text-align: center;">43.4</td><td style="text-align: center;">44</td></tr> <tr><td style="text-align: center;">Fly Ash Silo #4</td><td style="text-align: center;">43.4</td><td style="text-align: center;">44</td></tr> <tr><td style="text-align: center;">F35a</td><td style="text-align: center;">49.4</td><td style="text-align: center;">82.6</td></tr> <tr><td style="text-align: center;">F35b</td><td style="text-align: center;">49.4</td><td style="text-align: center;">82.6</td></tr> <tr><td style="text-align: center;">F35c</td><td style="text-align: center;">56.5</td><td style="text-align: center;">165.3</td></tr> <tr><td style="text-align: center;">F36</td><td style="text-align: center;">36.7</td><td style="text-align: center;">26.3</td></tr> <tr><td style="text-align: center;">F36b, P36, P36a-h</td><td style="text-align: center;">36.7</td><td style="text-align: center;">26.3</td></tr> <tr><td style="text-align: center;">CT3</td><td style="text-align: center;">83.8</td><td style="text-align: center;">1597</td></tr> <tr><td style="text-align: center;">CT4</td><td style="text-align: center;">83.8</td><td style="text-align: center;">1597</td></tr> </tbody> </table>	Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	P-19a-f	83.0	1500	P-20a-f	83.0	1500	Fly Ash Silo #3	43.4	44	Fly Ash Silo #4	43.4	44	F35a	49.4	82.6	F35b	49.4	82.6	F35c	56.5	165.3	F36	36.7	26.3	F36b, P36, P36a-h	36.7	26.3	CT3	83.8	1597	CT4	83.8	1597
Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)																																			
P-19a-f	83.0	1500																																			
P-20a-f	83.0	1500																																			
Fly Ash Silo #3	43.4	44																																			
Fly Ash Silo #4	43.4	44																																			
F35a	49.4	82.6																																			
F35b	49.4	82.6																																			
F35c	56.5	165.3																																			
F36	36.7	26.3																																			
F36b, P36, P36a-h	36.7	26.3																																			
CT3	83.8	1597																																			
CT4	83.8	1597																																			
35.	<p>(Boilers 03 and 04) These units are subject to SC Regulation 61-62.5, Standard No. 5.1, Lowest Achievable Emission Rate (LAER) Applicable to Volatile Organic Compounds based on "Net VOC Emissions Increase" exceeding 100 tpy. LAER for these sources is determined to be Good Combustion Practices and a limit of 0.0024 lb/million BTU. Good Combustion Practices shall include operating the boilers to minimize VOC emissions by maintaining proper boiler temperature and available excess oxygen for complete combustion.</p>																																				
36.	<p>(P19a-f, P20a-f, Fly Ash Silo #3, Fly Ash Silo #4, F36, F36a-b, P36, P36a-h, F35a-f, CT3, CT4) The permittee shall perform a visual inspection on a semi-annual basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The logs shall be maintained for a period of five (5) years and be made available to the Department upon request. The owner/operator shall submit semiannual reports to the Manager of the Technical Management Section, Bureau of Air Quality postmarked no later than 30 calendar days after the end of the reporting period.</p>																																				

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Condition Number	Conditions
37.	<p>(Ammonia Storage Tanks) It has been determined that these tanks will be subject to SC Regulation 61-62.68, Chemical Accident Prevention Provisions, due to in-process storage or use of a regulated substance in quantities above the specified threshold; therefore, the following must be completed:</p> <ol style="list-style-type: none"> 1. Submittal of a Risk Management Plan (RMP) to the Environmental Protection Agency (EPA) prior to the date the regulated substance is first present above the threshold quantity in a process. 2. Compliance with the Risk Management Program prior to the date the regulated substance is first present above the threshold quantity in a process. 3. Submittal of subsequent revisions/updates of the RMP in accordance with SC Regulation 61-62.68.190. <p>If it is determined by the implementing agency (or other delegated authority) that additional relevant information is needed, this facility will be required to submit the information in a timely manner.</p>
38.	<p>(Boilers 03 and 04) These emissions sources may impact an area that is projected to be designated as nonattainment for the National Ambient Air Quality Standard for ozone. This permit contains emissions limits for NO_x and/or VOC's based on the current attainment status of the area and consistent with other State and Federal requirements. Should the area be designated nonattainment for ozone, the Department may reopen this permit, and the current emissions limits may be revised to address attainment of the ozone standard. The owner or operator of this source is advised to take appropriate steps to assure that operations and/or control devices permitted herein can be readily modified, added to, or retrofitted as necessary.</p>
39.	<p>(Boilers 03 and 04) The owners and operators, and to the extent applicable, the NO_x authorized account representative of a NO_x Budget unit, shall comply with the monitoring and reporting requirements as provided in subpart H of SC Regulation 61-62.96 and in subpart H of 40 CFR part 75. For purposes of complying with such requirements, the definitions in SC Regulation 61-62.96.2 and in 40 CFR part 72 section 72.2 shall apply, and the terms "affected unit," "designated representative," and "continuous emission monitoring system" (or "CEMS") in 40 CFR part 75 shall be replaced by the terms "NO_x Budget unit," "NO_x authorized account representative," and "continuous emission monitoring system" (or "CEMS"), respectively, as defined in SC Regulation 61-62.96.2.</p>

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40.	<p>(Boilers 03 and 04) The NO_x authorized account representative shall comply with all record keeping and reporting requirements in SC Regulation 61-62.96.74 and with the requirements of SC Regulation 61-62.96.10(e). Quarterly reports, as specified in SC Regulation 61-62.96.74(d), shall be sent to EPA and to SC DHEC, Bureau of Air Quality's Technical Management Section at the addresses listed below.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center; vertical-align: top;"> US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street Atlanta, GA 30303 </td> <td style="width: 50%; text-align: center; vertical-align: top;"> SC DHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201 </td> </tr> </table> <p>If the NO_x authorized account representative for a NO_x Budget unit subject to an Acid Rain Emission limitation who signed and certified any submission that is made under subpart F or G of 40 CFR part 75 and which includes data and information required under this subpart or subpart H of 40 CFR part 75 is not the same person as the designated representative or the alternative designated representative for the unit under 40 CFR part 72, the submission must also be signed by the designated representative or the alternative designated representative.</p>	US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street Atlanta, GA 30303	SC DHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201
US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street Atlanta, GA 30303	SC DHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201		
41.	<p>(Boilers 03 and 04) Unless otherwise provided, the owners and operators of the NO_x Budget source and each NO_x Budget unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Department or the EPA.</p> <ul style="list-style-type: none"> (i) The account certificate of representation for the NO_x authorized account representative for the source and each NO_x Budget unit at the source and all documents that demonstrate the truth of the statements in the account certificate of representation, in accordance with Section 96.13; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new account certificate of representation changing the NO_x authorized account representative. (ii) All emissions monitoring information, in accordance with subpart H of this regulation; provided that to the extent that subpart H of this regulation provides for a 3-year period for record keeping, the 3-year period shall apply. (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the NO_x Budget Trading Program. (iv) Copies of all documents used to complete a NO_x Budget permit application and any other submission under the NO_x Budget Trading Program or to demonstrate compliance with the requirements of the NO_x Budget Trading Program. 		
42.	<p>(Boilers 01, 02, 03, and 04) These boilers shall not exceed an SO₂ combined emission rate of 8.25 tons for any 3-hour period to comply with SC Regulation 61-62.5, Standard No. 2. The owner/operator shall maintain records of all 3-hour rolling sum emissions for the four combined boilers for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Quarterly reports shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, postmarked no later than 30 calendar days after the end of the reporting period.</p>		

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Condition Number	Conditions
43.	(Boilers 01, 02, 03, and 04) These boilers shall not exceed an SO ₂ combined emission rate of 60 tons for any 24-hour period to comply with SC Regulation 61-62.5, Standard No. 2. The owner/operator shall maintain records of all 24-hour rolling sum emissions for the four combined boilers for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Quarterly reports shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, postmarked no later than 30 calendar days after the end of the reporting period.
44.	(Boilers 01, 02, 03 and 04) When Boilers 01 and 02 are offline for the 24-hour period, Boilers 03 and 04 are limited to an SO ₂ emission rate of 0.44 lb/million BTU. This emission limit shall be determined by a 24-hour rolling average with emissions and heat input averaged arithmetically across the boilers.
45.	(Boilers 01, 02, 03 and 04) When Boilers 01 and/or 02 are online and Boilers 03 and/or 04 online, the boilers are limited to an SO ₂ emission rate of 0.38 lb/million BTU. This emission limit shall be determined by a 24-hour rolling average with emissions and heat input averaged arithmetically across the boilers.
46.	(Boilers 01, 02, 03, and 04) These boilers shall not exceed an SO ₂ combined emission rate of 15,823 tons/year to comply with SC Regulation 61-62.5, Standard No. 7 avoidance. The owner/operator shall maintain records of all 365-day rolling sum emissions for the four combined boilers for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Quarterly reports shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, postmarked no later than 30 calendar days after the end of the reporting period.
47.	(Boilers 03 and 04) Each of these two boilers shall not exceed an SO ₂ emission rate of 3,250 tons per year (6,500 tons per year combined) or drop below an annual scrubbing efficiency of 95%. This is a PSD avoidance limit for emissions of this pollutant from these sources. The owner/operator shall maintain records of all 365-day rolling sum emissions for the two combined boilers for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Quarterly reports shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, postmarked no later than 30 calendar days after the end of the reporting period.
48.	(Boilers 03 and 04) Each of these two boilers shall not exceed an SO ₂ average annual emission rate of 0.13 lb/million BTU. This is an agreed upon established rate for each of these boilers for PSD considerations. The owner/operator shall maintain records of all 365-day rolling average emission rates for each of the two boilers for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Quarterly reports shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, postmarked no later than 30 calendar days after the end of the reporting period.
49.	(Boilers 03 and 04) SO ₂ and NO _x , netting limitations are stated in this permit for PSD avoidance. The permit also requires that these reductions will be verified by monitoring the CEMS for these pollutants. CEMS are not available to monitor H ₂ SO ₄ Mist reductions. Therefore, the monitoring of SO ₂ will suffice for verification of reduction due to the correlation of SO ₂ in the formation of H ₂ SO ₄ Mist.

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Condition Number	Conditions
50.	(Boiler 01) Upon operation of Boiler 03 or Boiler 04, whichever comes first, in order to achieve offsetting emissions for Boilers 03 and 04 to net out of SO ₂ PSD applicability, SO ₂ emissions from Boiler 01 shall be limited to annual rates of 5,295 tons per year, 0.23 pounds per million BTU, and 86% removal efficiency. This establishes the SO ₂ baseline emission level for Boiler 01 as a limit, with initial SO ₂ project offsets resulting from reductions on Boiler 02. These limits are based on 365-day rolling sums and averages.
51.	(Boiler 01) Upon operation of both Boiler 03 and Boiler 04, in order to achieve offsetting emissions for Boilers 03 and 04 to net out of SO ₂ PSD applicability, SO ₂ emissions from Boiler 01 shall be limited to annual rates of 3,350 tons per year, 0.15 pounds per million BTU, and 91% removal efficiency. This reduction from an actual baseline level of 5,295 tons per year by improved scrubber efficiency contributes 1,945 tons per year to the offset. These limits are based on 365-day rolling sums and averages.
52.	(Boiler 02) Upon operation of Boiler 03 or Boiler 04, whichever comes first, in order to achieve offsetting emissions for Boilers 03 and 04 to net out of SO ₂ PSD applicability, SO ₂ emissions from Boiler 02 shall be limited to annual rates of 7,278 tons per year, 0.32 pounds per million BTU, and 75% removal efficiency. This reduction from an actual baseline level of 10,528 tons per year by improved scrubber efficiency contributes 3,250 tons per year to the offset. These limits are based on 365-day rolling sums and averages.
53.	(Boiler 02) Upon operation of both Boiler 03 and Boiler 04, in order to achieve offsetting emissions for Boilers 03 and 04 to net out of SO ₂ PSD applicability, SO ₂ emissions from Boiler 02 shall be limited to annual rates of 5,973 tons per year, 0.26 pounds per million BTU, and 86% removal efficiency. This additional reduction from an actual baseline level of 10,528 tons per year by improved scrubber efficiency contributes 1,305 tons per year (total reduction of 4,555 tons per year) to the offset. These limits are based on 365-day rolling sums and averages.
54.	(Boilers 01, 02, 03, and 04) The four combined boilers shall not exceed a NO _x combined emission rate of 15,056 tons per year to comply with SC Regulation 61-62.5, Standard No. 7 avoidance. The owner/operator shall maintain records of all 365-day rolling sum emissions for the four combined boilers for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Quarterly reports shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, postmarked no later than 30 calendar days after the end of the reporting period.
55.	(Boilers 03 and 04) Each of these two boilers shall not exceed a NO _x emission rate of 2,278 tons per year (4,556 tons per year combined). This is a PSD avoidance limit for emissions of this pollutant from these sources. The owner/operator shall maintain records of all 365-day rolling sum emissions for each of the two boilers for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Quarterly reports shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, postmarked no later than 30 calendar days after the end of the reporting period.

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Condition Number	Conditions
56.	(Boilers 03 and 04) Each of these two boilers shall not exceed a NO _x average annual emission rate of 0.08 pounds per million BTU. This rate is an agreed upon established maximum rate for each of these boilers for PSD considerations. The owner/operator shall maintain records of all 365-day rolling average emission rates for each of the two boilers for a period of at least five (5) years from the date generated, and shall make these records available to Department personnel upon request. Quarterly reports shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, postmarked no later than 30 calendar days after the end of the reporting period.
57.	(Boiler 01) Upon operation of Boiler 03 or Boiler 04, whichever comes first, in order to achieve offsetting emissions for Boilers 03 and 04 to net out of NO _x PSD applicability, NO _x emissions from Boiler 01 shall be limited to 6,116 tons per year and 0.27 pounds per million BTU. This establishes the NO _x baseline emission level for Boiler 01 as a limit, with initial NO _x project offsets resulting from reductions on Boiler 02. These limits are based on 365-day rolling sums and averages.
58.	(Boiler 01) Upon operation of both Boiler 03 and Boiler 04, in order to achieve offsetting emissions for Boilers 03 and 04 to net out of NO _x PSD applicability, NO _x emissions from Boiler 01 shall be limited to 5,000 tons per year and 0.22 pounds per million BTU. This reduction from an actual baseline level of 6,116 tons per year by operation of SCR controls contributes 1,116 tons per year to the offset. These limits are based on 365-day rolling sums and averages.
59.	(Boiler 02) Upon operation of Boiler 03 or Boiler 04, whichever comes first, in order to achieve offsetting emissions for Boilers 03 and 04 to net out of NO _x PSD applicability, NO _x emissions from Boiler 02 shall be limited to 6,662 tons per year and 0.29 pounds per million BTU. This reduction from an actual baseline level of 8,940 tons per year by operation of SCR controls contributes 2,278 tons per year to the offset. These limits are based on 365-day rolling sums and averages.
60.	(Boiler 02) Upon operation of both Boiler 03 and Boiler 04, in order to achieve offsetting emissions for Boilers 03 and 04 to net out of NO _x PSD applicability, NO _x emissions from Boiler 02 shall be limited to 5,500 tons per year and 0.24 pounds per million BTU. This additional reduction from an actual baseline level of 8,940 tons per year by operation of SCR controls contributes 1162 tons per year (total of 3,440 tons per year) to the offset. These limits are based on 365-day rolling sums and averages.
61.	(Boilers 03 and 04) The owner/operator shall establish a startup/shutdown plan detailing how emissions during startup and shutdown will be minimized. Also, included in this plan the owner/operator shall establish how operation of the boilers at low utilization will be minimized. This plan shall be submitted to the Bureau's Technical Management Section prior to operation of either Boiler 03 or 04.

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Condition Number	Conditions
62.	<p>(Boilers 01 – 04) The EPA is currently investigating compliance with New Source Review (NSR) requirements at several coal-fired utilities. The outcome of EPA's on-going investigation may result in a determination of NSR applicability that could impact the values used by Santee Cooper in calculating baseline and potential emission reduction credits for sources subject to this permitting action. If any of the values relied on in the emission calculations for these sources change as a result of a subsequent enforcement action by EPA, the terms of this construction permit and any subsequently issued operating permit must be revised as necessary to ensure compliance. The revisions which may be required in the future to achieve compliance with NSR may include, but are not limited to, modeling, the installation of additional control equipment and/or monitoring equipment, the generation or purchase of additional emission reduction credits, and modifications to the control equipment authorized to be constructed and/or modified by this permit.</p>

E. EXEMPT SOURCES

Equip ID	Exempt Source Description (Exemption Date)	Basis
D04	1,500 kW Emergency Generator (2003)	61-62.1, Section II(F)(2)(e)
D05	1,500 kW Emergency Generator (2003)	61-62.1, Section II(F)(2)(e)
FP	380 HP Fire Pump (2003)	61-62.1, Section II(F)(2)(e)
#2 Fuel Oil Tank (Unit 4)	300,000 gallon No. 2 fuel oil storage tank	61-62.1, Section II(F)(2)(g)
TDLOT1	16,000 gallon lube oil storage tank	61-62.1, Section II(F)(2)(g)
TDLOT2	16,000 gallon lube oil storage tank	61-62.1, Section II(F)(2)(g)
EGFT1	1,000 gallon No. 2 fuel oil storage tank for D04	61-62.1, Section II(F)(2)(g)
EGFT2	1,000 gallon No. 2 fuel oil storage tank for D05	61-62.1, Section II(F)(2)(g)
LORT1	6,400 gallon lube oil reservoir storage tank for turbine	61-62.1, Section II(F)(2)(g)
LORT2	6,400 gallon lube oil reservoir storage tank for turbine	61-62.1, Section II(F)(2)(g)
LOCST1	2,000 gallon clean lube oil storage tank for turbine	61-62.1, Section II(F)(2)(g)

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Equip ID	Exempt Source Description (Exemption Date)	Basis
LOCST2	2,000 gallon clean lube oil storage tank for turbine	61-62.1, Section II(F)(2)(g)
LOR1	6,400 gallon turbine lube oil reservoir	61-62.1, Section II(F)(2)(g)
LOR2	6,400 gallon turbine lube oil reservoir	61-62.1, Section II(F)(2)(g)
LOCT1	2,000 gallon turbine clean lube oil tank	61-62.1, Section II(F)(2)(g)
LOCT2	2,000 gallon turbine clean lube oil tank	61-62.1, Section II(F)(2)(g)
F37	Limestone truck unloading	61-62.1, Section II(F)(2)(g, h)

Carl W. Richardson, P.E., Director
Engineering Services Division
Bureau of Air Quality

ATTACHMENT A

Modeled Emission Rates Santee Cooper (Cross Generating Station) Permit No. 0420-0030-CI PAGE 1 OF 2

AMBIENT AIR QUALITY STANDARDS - STANDARD 2							
STACK	Modeled Emission Rates (lbs/hr)						
	TSP	PM ₁₀	SO ₂	NO _x	CO	Lead	HF
CROSS1	156.03	156.03	1193	819.8	884	0.0877	1.59
CROSS2	156.03	156.03	1193	819.8	884	0.0877	1.59
CROSS3 (See Note 2)	205.24	205.24	2615	1798	1938	0.1922	3.48
CRUSH	0.1825	0.1825	-	-	-	-	-
CTOW1	1.8566	1.8566	-	-	-	-	-
CTOW2	1.8721	1.8721	-	-	-	-	-
CTOW3	1.8566	1.8566	-	-	-	-	-
CTOW4	1.8566	1.8566	-	-	-	-	-
P02	0.8254	0.8254	-	-	-	-	-
P03	0.8254	0.8254	-	-	-	-	-
P05	0.8254	0.8254	-	-	-	-	-
F02	0.8254	0.8254	-	-	-	-	-
F33	0.8254	0.8254	-	-	-	-	-
Facility Total	529.05	529.05	5001 *	3437.6 *	3706	0.3676	6.66

* Note 1 - The limits on all 4 units combined are 8.25 tons/3-hr, 60 tons/day and 15823 tons/yr of SO₂, and 15056 tons/yr of NO_x. These emission rates were modeled from Cross3.

Note 2 – Emissions shown above from Stack Cross3 includes Cross 03 emissions and Cross 04 emissions.

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD 7			
STACK	Modeled Emission Rates (lbs/hr)		
	PM ₁₀	SO ₂	NO _x
CROSS1 (5200 million BTU/Hr Boiler 1)	156.03	1193	819.8
CROSS2 (5200 million BTU/Hr Boiler 2)	156.03	1193	819.8
CROSS3 (5700 million BTU/Hr each Boilers 3 and 4) (See Note 2)	205.24	2615	1798
CRUSH (Crusher Tower)	0.1825	-	-
CTOW1 (Unit 1 Cooling Tower)	1.8566	-	-
CTOW2 (Unit 2 Cooling Tower)	1.8721	-	-
CTOW3 (Unit 3 Cooling Tower)	1.8566	-	-
CTOW4 (Unit 4 Cooling Tower)	1.8566	-	-
P02 (Conveyor Transfer to Stacker/Reclaim)	0.8254	-	-
P03 (Emergency Stockout Conveyor Drop to Pile)	0.8254	-	-
P05 (Conveyor Drop to Transfer Tower)	0.8254	-	-
F02 (Conveyor Drop to Sample Tower)	0.8254	-	-
F33 (Petcoke Drop to Conveyor)	0.8254	-	-
Facility Total	529.05	5001 *	3437.6 *

* Note 1 - The limits on all 4 units combined are 8.25 tons/3-hr, 60 tons/day and 15823 tons/yr of SO₂, and 15056 tons/yr of NO_x. These emission rates were modeled from CROSS3.

Note 2 – Emissions shown above from Stack Cross3 include Cross 03 emissions and Cross 04 emissions.

ATTACHMENT A

Modeled Emission Rates Santee Cooper (Cross Generating Station) Permit No. 0420-0030-CI PAGE 2 OF 2

Description of Material Handling Emission Sources

EQUIPMENT	TYPE OF SOURCE	CONTROL DEVICE
COAL HANDLING:		
Coal Bunkers P19a-f	Point	Baghouse
Coal Bunkers P20a-f	Point	Baghouse
FLY ASH HANDLING:		
Fly Ash Silo #3	Point	Baghouse
Fly Ash Silo #4	Point	Baghouse
LIMESTONE HANDLING:		
F36	Fugitive	Uncontrolled
F36a	Fugitive	Uncontrolled
F36b	Fugitive	Uncontrolled
P36	Point	Baghouse
P36a	Point	Baghouse
P36b	Fugitive	Uncontrolled
P36c	Point	Baghouse
P36d	Point	Baghouse
P36e	Point	Baghouse
P36f	Point	Baghouse
P36g	Point	Baghouse
P36h	Point	Baghouse
GYPSUM HANDLING:		
F35a	Fugitive	Uncontrolled
F35b	Fugitive	Uncontrolled
F35c	Fugitive	Uncontrolled
F35e	Fugitive	Uncontrolled
F35d	Fugitive	Uncontrolled
F35f	Fugitive	Uncontrolled
COOLING TOWER:		
CT3	Fugitive	Drift Eliminator
CT4	Fugitive	Drift Eliminator

February 5, 2004

Santee Cooper (Cross Generating Station)
P.O. Box 2946101
Moncks Corner, SC 29461-2901

ATTENTION: Ken Dantzler

Dear Mr. Dantzler:

Your permit application has been reviewed by our technical staff. Enclosed is Construction Permit No. 0420-0030-CI. Please note the conditions on this permit by reading it carefully. In order to comply with Department Regulation 61-72, this construction permit is not effective until 15 calendar days after the date of issue listed on the permit.

In addition to this permit to construct, a permit to operate is required in accordance with the Air Pollution Control Regulations and Standards for the State of South Carolina. The regulations require a written request to obtain an operating permit be submitted to this Department no later than 15 days prior to placing the new, increased, or altered source in operation.

Please examine this new permit carefully for errors or omissions and notify the appropriate staff member, Joe Eller, at (803) 898-3831, or by e-mail at: ellerjc@dhec.sc.gov, promptly if any are discovered.

Sincerely,

Carl W. Richardson, P.E., Director
Engineering Services Division
Bureau of Air Quality

CWR:JCE:pe

Enclosure

cc: Trident District EQC Office
Permit File: 0420-0030
Main File: 0420-0030