



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

October 2, 2014

VIA CERTIFIED MAIL
91 7199 9991 7030 0479 5100

Mr. Jay Hudson, PE
SCPSA - Santee Cooper Winyah Generating Station
PO Box 2946101
Moncks Corner, SC 29461-6101

Re: Renewal Air Quality Title V Operating Permit No. TV-1140-0005

Dear Mr. Hudson:

Enclosed is a renewed Air Quality Title V Operating Permit No. TV-1140-0005 that will become effective on January 1, 2015. Please note the conditions and limitations imposed. This permit will be valid through December 31, 2019, unless otherwise provided for by S.C. Regulation 61-62.70.7(c)(1)(ii). Until this permit becomes effective, the owner/operator shall operate this facility according to the terms and conditions of the current Air Quality Operating Permit. All reporting and record keeping requirements from the previous permit will remain in force until this permit becomes effective

Please be advised that a new periodic reporting period begins upon the effective date of this renewed permit. This Title V Operating Permit may include several periodic reporting requirements with varying submittal frequencies and due dates. Reports required under the terms and conditions of this renewed permit must be completed and submitted in a timely manner in accordance with the periodic reporting schedule found in this permit.

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Fatima Ann Washburn Clark of my staff, via e-mail at clarkfaw@dhec.sc.gov, or call (803) 898-4072, prior to the effective date of this Title V Operating Permit.

Pursuant to the South Carolina Administrative Procedures Act, any Department decision involving the issuance, denial, suspension, or revocation of a permit or certification may be appealed by the applicant, permittee, licensee, or affected person. Please see the enclosed "Guide to Board Review" for guidelines on filing an appeal.

Sincerely,

Elizabeth J. Basil
Director, Engineering Services Division
Bureau of Air Quality

EJB:fawc:kal

Enclosure

cc: Title V File: 1140-0005
ec: Jay Cox King, BEHS
James Purvis, EPA Region 4
Michael Shroup, Source Evaluation
Heinz Kaiser, Air Toxics



Office of Environmental Quality Control

Bureau of Air Quality

Title V Operating Permit

SCPSA - Santee Cooper Winyah Generating Station
661 Steam Plant Drive
Georgetown, SC 29440
Georgetown County

In accordance with the provisions of the *Pollution Control Act*, Sections 48-1-50(5) and 48-1-110(a), the 1976 *Code of Laws of South Carolina*, as amended, and *South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards*, the Bureau of Air Quality authorizes the operation of this facility and the equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on June 30, 2011, as amended.

The operation of this facility is subject to and conditioned upon the terms, limitations, standards, and schedules contained herein or as specified by this permit and its accompanying attachments.

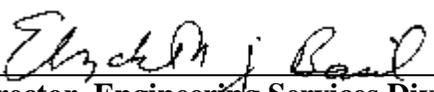
Permit Number: TV-1140-0005

Issue Date: October 2, 2014

Effective Date: January 1, 2015

Renewal Due Date: June 30, 2019

Expiration Date: December 31, 2019



Director, Engineering Services Division
Bureau of Air Quality

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PART 1 - GENERAL INFORMATION

PART 1.A - APPLICABLE PERMIT DATES

ISSUED DATE:	October 2, 2014
EFFECTIVE DATE:	January 1, 2015
EXPIRATION DATE:	June 30, 2019
RENEWAL APPLICATION DUE:	December 31, 2019

PART 1.B - FACILITY INFORMATION

FEDERAL TAX IDENTIFICATION NO.:	57-6000917
SIC CODE(S):	4911, 4911
NAICS CODE(S):	221111, 221112
EPA (AIRS) FACILITY ID NUMBER:	45 0430 0005

PART 1.C - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS:	661 Steam Plant Drive
CITY, STATE, ZIP FACILITY IS LOCATED IN:	Georgetown, SC, 29440
COUNTY FACILITY IS LOCATED IN:	Georgetown

PART 1.D - FACILITY ENVIRONMENTAL CONTACT INFORMATION

ENVIRONMENTAL CONTACT NAME:	Jay Hudson
CONTACT MAILING ADDRESS:	PO Box 2946101
CONTACT CITY, STATE, ZIP:	Moncks Corner, SC 29461-6101
CONTACT TELEPHONE NUMBER:	(843) 761-8000 x5183
CONTACT INTERNET E-MAIL ADDRESS:	jhudson@santeecooper.com

PART 1.E - FACILITY BILLING ADDRESS

BILLING CONTACT NAME:	Jay Hudson
BILLING CONTACT ADDRESS:	PO Box 2946101
BILLING CONTACT CITY, STATE, ZIP:	Moncks Corner, SC 29461-6101

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PART 2 - APPLICABILITY [S.C. Regulation 61-62.70.3(a)]

Condition Number	Condition
2.1	The following sources are subject to permitting requirements of Part 70: 1. Any major source; 2. Any source, including any area source, subject to a standard, limitation, or other requirement under Section 111 of the Clean Air Act (Act); 3. Any source, including any area source, subject to a standard or other requirement under Section 112 of the Act, except that a source is not required to obtain a permit solely because it is subject to regulations or requirements under Section 112(r) of the Act; 4. Any affected source under the Title IV Acid Rain Program; 5. Any source in a source category designated by the Administrator of the US Environmental Protection Agency (US EPA) (Administrator) pursuant to this Section; and 6. Any source listed in S.C. Regulation 61-62.70.3(a) that is exempt from the requirement to obtain a permit under S.C. Regulation 61-62.70.3(b) may opt to apply for a permit under this Part 70 program.
2.2	The following source categories are exempted from the obligation to obtain a Part 70 permit, but are not exempted from other S.C. Department of Health and Environmental Control (Department) and US EPA requirements [S.C. Regulation 61-62.70.3(b)(4)]: 1. All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 60, Subpart AAA - Standards of Performance for New Residential Wood Heaters; and 2. All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 61, Subpart M - National Emission Standard for Hazardous Air Pollutants for Asbestos, Section 61.145, Standard for Demolition and Renovation.
2.3	Any person that operates or proposes to operate a particular source or installation may submit a request in writing that the Department make a determination as to whether a particular source or installation is subject to the permit requirements of Part 70. The request must contain such information as is believed sufficient for the Department to make the requested determination. The Department may request any additional information that it needs for purposes of making the determination. [S.C. Regulation 61-62.70.3(e)]

PART 3 - GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

PART 3.A - PERMIT ISSUANCE [S.C. Regulation 61-62.70.7(a)(1)]

Condition Number	Condition
3.A.1	A Title V operating permit does not excuse any facility from the preconstruction permitting requirements under S.C. Regulation 61-62.1.
3.A.2	A permit, permit modification, or renewal may be issued only if the following conditions have been met: 1. The Department has received a complete application for a permit, permit modification, or permit renewal; 2. Except for modifications qualifying for minor permit modification procedures under S.C. Regulation 61-62.70.7(e)(2) and (3) the Department has complied with the requirements for public participation under S.C. Regulation 61-62.70.7(h); 3. The Department has complied with the requirements for notifying and responding to affected States under S.C. Regulation 61-62.70.8(b); 4. The conditions of the permit provide for compliance with all applicable requirements and the requirements of Part 70; and 5. The Administrator has received a copy of the proposed permit and any notices required under S.C. Regulation 61-62.70.8(a) and (b), and has not objected to issuance of the permit under S.C. Regulation 61-

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PART 3.A - PERMIT ISSUANCE [S.C. Regulation 61-62.70.7(a)(1)]

Condition Number	Condition
	62.70.8(c) within the required time frame.

PART 3.B - PERMIT RENEWAL AND EXPIRATION [S.C. Regulation 61-62.70.7(c)]

Condition Number	Condition
3.B.1	Permits being renewed are subject to the same procedural requirements, including those for public participation, affected State and US EPA review, that apply to initial permit issuance; and
3.B.2	Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with S.C. Regulation 61-62.70.5(a)(1)(iii), 62.70.5(a)(2)(iv), and 62.70.7(b). In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to S.C. Regulation 61-62.70.6(f) shall remain in effect until the renewal permit has been issued or denied.

PART 3.C - SEVERABILITY [S.C. Regulation 61-62.70.6(a)(5)]

Condition Number	Condition
3.C.1	The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

PART 3.D - FEE ASSESSMENT AND PAYMENT [S.C. Regulation 61-62.70.6(a)(7)]

Condition Number	Condition
3.D.1	The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to S.C. Regulation 61-62.70.9.

PART 3.E - SUBMITTAL OF INFORMATION [S.C. Regulation 61-62.70.6(a)(6)(v)]

Condition Number	Condition
3.E.1	The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request, in writing, to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the permittee furnish such records directly to the Administrator along with a claim of confidentiality.

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PART 3.F - PUBLIC PARTICIPATION [S.C. Regulation 61-62.70.7(h)]

Condition Number	Condition
3.F.1	Except for modifications qualifying for minor permit modification procedure, all permit proceedings, including initial permit issuance, significant modifications, and renewals, shall provide adequate procedures for public notice including offering an opportunity for public comment and hearing on the draft permit. These procedures shall meet all requirements of S.C. Regulation 61-62.70.7(h).

PART 3.G - PERMIT REOPENING [S.C. Regulation 61-62.70.7(f)]

Condition Number	Condition
3.G.1	The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [S.C. Regulation 61-62.70.6(a)(6)(iii)].
3.G.2	This permit shall be reopened and revised under any of the following circumstances: <ol style="list-style-type: none"> 1. Additional applicable requirements under the Act become applicable to a major Part 70 source with a remaining permit term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement unless the regulation specifically provides for a longer compliance period. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to S.C. Regulation 61-62.70.7(c)(1)(ii). 2. Additional requirements, including excess emission requirements, become applicable to an affected source under the acid rain program. Excess emissions offset plans shall be deemed to be incorporated into this permit upon approval by the Administrator. 3. The Department or US EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit. 4. The Administrator or the Department determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
3.G.3	Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be as expeditious as practicable. Reopenings shall not be initiated before a notice of such intent is provided to the Part 70 source by the Department at least thirty (30) days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

PART 3.H - TEMPORARY SOURCES [S.C. Regulation 61-62.70.6(e)]

Condition Number	Condition
3.H.1	The Department may issue a single permit authorizing emissions from similar operations by the same source owner or operator at multiple temporary locations. The operation must be temporary and involve at least one change in location during the term of the permit. No sources subject to Title IV of the Act shall be permitted as a temporary source. Permits for temporary sources shall include all requirements of S.C. Regulation 61-62.70.6(e).

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PART 3.I - EMERGENCY PROVISIONS [S.C. Regulation 61-62.70.6(g)(3)]

Condition Number	Condition
3.I.1	In the case of an emergency, as defined in S.C. Regulation 61-62.70.6(g), the permittee shall demonstrate an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that: <ol style="list-style-type: none"> 1. An emergency occurred and that the permittee can identify the cause(s) of the emergency; 2. The permitted facility was at the time being properly operated; and 3. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit.
3.I.2	Additionally, the permittee shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed by written notifications within thirty (30) days. This notice fulfills the requirement of S.C. Regulation 61-62.70.6(a)(3)(iii)(B). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
3.I.3	This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

PART 3.J - PROPERTY RIGHTS [S.C. Regulation 61-62.70.6(a)(6)(iv)]

Condition Number	Condition
3.J.1	This permit does not convey any property rights of any sort, or any exclusive privilege.

PART 3.K - ECONOMIC INCENTIVES, MARKETABLE PERMITS, EMISSION TRADING
[S.C. Regulation 61-62.70.6(a)(8)]

Condition Number	Condition
3.K.1	No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

PART 3.L - TITLE IV SOURCES [S.C. Regulation 61-62.70.6(a)(4)]

Condition Number	Condition
3.L.1	Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator. [S.C. Regulation 61-62.70.6(a)(1)(ii)]
3.L.2	The permittee is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.

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PART 3.M - ADMINISTRATIVE PERMIT AMENDMENTS [S.C. Regulation 61-62.70.7(d)(3)]

Condition Number	Condition
3.M.1	An administrative permit amendment as defined in S.C. Regulation 61-62.70.7(d) can be made by the Department consistent with the following: <ol style="list-style-type: none"> 1. The Department shall take no more than sixty (60) days from receipt of a request for an administrative permit amendment to take final action on such request, and may incorporate such changes without providing notice to the public or affected States provided that it designates any such permit revisions as having been made pursuant to this paragraph. 2. The Department shall submit a copy of the revised permit to the Administrator. 3. The source may implement the changes addressed in the request for an administrative permit amendment immediately upon submittal of the request, except transfer of ownership/operation which must comply with S.C. Regulation 61-62.1, Section II(M).
3.M.2	Requests for an administrative permit amendment shall be submitted on a Department approved Title V Administrative Amendment Modification Form and a Department approved Title V Permit Application Facility Profile Form.

PART 3.N - MINOR PERMIT MODIFICATIONS [S.C. Regulation 61-62.70.7(e)(2)]

Condition Number	Condition
3.N.1	Minor permit modifications can be made by the Department in accordance with S.C. Regulation 61-62.70.7(e)(2)(i). An application requesting the use of minor permit modification procedures shall meet the requirements of S.C. Regulation 61-62.70.5(c) and shall include items as specified in S.C. Regulation 61-62.70.7(e)(2)(ii).
3.N.2	The Department may modify the procedure outlined in S.C. Regulation 61-62.70.7(e)(2) to process groups of a source's applications for certain modifications eligible for minor permit modification processing. Group processing of minor permit applications will proceed as outlined in S.C. Regulation 61-62.70.7(e)(3).
3.N.3	Requests for a minor permit modification shall be submitted on a Department approved Title V Minor Modification Form and a Department approved Title V Permit Application Facility Profile Form.

PART 3.O - SIGNIFICANT PERMIT MODIFICATION PROCEDURES [S.C. Regulation 61-62.70.7(e)(4)]

Condition Number	Condition
3.O.1	Significant permit modification procedures shall be used for applications requesting permit modifications listed in S.C. Regulation 61-62.70.7(e)(4)(i). Significant permit modifications shall meet all requirements of Part 70, including those for applications, public participation, review by affected States, and review by US EPA, as they apply to permit issuance and permit renewal.

PART 3.P - DUTY TO COMPLY [S.C. Regulation 61-62.70.6(a)(6)(i)]

Condition Number	Condition
3.P.1	The permittee must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the S.C. Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.

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PART 3.Q - INSPECTION AND ENTRY [S.C. Regulation 61-62.70.6(c)(2)]

Condition Number	Condition
3.Q.1	<p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:</p> <ol style="list-style-type: none"> 1. Enter upon the permittee's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 4. As authorized by the Act and/or the S.C. Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

PART 3.R - COMPLIANCE REQUIREMENTS [S.C. Regulation 61-62.70.6(c)(5)]

Condition Number	Condition
3.R.1	<p>Consistent with S.C. Regulations 61-62.70.6(a)(3), 61-62.70.6(a)(3)(iii)(A), and 61-62.70.6(c)(5), this permit contains compliance certification, testing, monitoring, reporting, and record keeping requirements sufficient to assure compliance with the terms and conditions of this permit. In accordance with the requirements of S.C. Regulation 61-62.70.5(d), any application form, report, or compliance certification submitted pursuant to these regulations shall contain certification by a responsible official (as defined by S.C. Regulation 61-62.70.2(cc)) of truth, accuracy and completeness.</p>
3.R.2	<p>The responsible official shall certify, annually, compliance with the conditions of this permit as required under S.C. Regulation 61-62.70.6(c). The compliance certification shall include the following:</p> <ol style="list-style-type: none"> 1. The identification of each term or condition of the permit that is the basis of the certification. 2. The identification of the method(s) or means used for determining the status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in S.C. Regulation 61-62.70.6(c)(5)(iii)(B). The certification shall identify each deviation and take it into account in the compliance certification. 3. The status of compliance with the terms and conditions of the permit for the period covered by the certification. 4. Such other facts as the Department may require to determine the compliance status of the source.

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PART 3.S - RECORD KEEPING REQUIREMENTS [S.C. Regulation 61-62.70.6(a)(3)(ii)]

Condition Number	Condition
3.S.1	<p>The permittee shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements:</p> <ol style="list-style-type: none"> 1. Records of required monitoring information shall include the following: <ol style="list-style-type: none"> a. The date, place as defined in the permit, and time of sampling or measurements; b. The date(s) analyses were performed; c. The company or entity that performed the analyses; d. The analytical techniques or methods used; e. The results of such analyses; and f. The operating conditions as existing at the time of sampling or measurement; 2. Records of all required monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

PART 3.T - SCHEDULE OF COMPLIANCE [S.C. Regulation 61-62.70.5(c)(8)]

Condition Number	Condition
3.T.1	<p>The permittee shall submit a compliance schedule that contains the following for all Part 70 sources that are not in compliance with all applicable rules:</p> <ol style="list-style-type: none"> 1. A description of the source's compliance status and where appropriate a compliance schedule with respect to all applicable requirements as follows: <ol style="list-style-type: none"> a. For applicable requirements with which the source is in compliance, a statement that during the permit term the source will continue to comply with such requirements. b. For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis, unless a more detailed schedule is expressly required by the applicable requirement. c. A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. This schedule shall include a narrative description of how the source will achieve compliance with such requirements, a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with all applicable requirements for which the source will be in noncompliance at the time of permit issuance. This compliance schedule shall be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. 2. A schedule for submission of certified progress reports no less frequently than every six (6) months for sources required to have a schedule of compliance to remedy a violation. Progress reports shall meet the requirements of S.C. Regulation 61-62.70.6(c)(4)(i) and (ii). 3. The compliance plan content requirements specified in this paragraph shall apply and be included in the acid rain portion of a compliance plan for an affected source, except as specifically superseded by regulations promulgated under Title IV of the Act with regard to the schedule and method(s) the source will use to achieve compliance with acid rain emissions limitations.

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PART 3.U - NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE [S.C. Regulation 61-62.70.6(a)(6)(ii)]

Condition Number	Condition
3.U.1	It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

PART 3.V - OPERATIONAL FLEXIBILITY [S.C. Regulation 61-62.70.7(e)(5)]

Condition Number	Condition
3.V.1	Changes under the Clean Air Act, Section 502(b)(10), are changes that contravene an express permit term. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. A permitted facility is authorized to make section 502(b)(10) changes within its facility without requiring a permit revision, if the changes are not modifications under any provision of Title I of the Act and the changes do not exceed the emissions allowable under this permit. The permitted facility shall provide the Administrator and the Department written notification as required by S.C. Regulation 61-62.70.7(e)(5) at least seven (7) days prior to such changes.
3.V.2	Requests for operational flexibility shall be submitted on a Department approved Title V Operational Flexibility Form and a Department approved Title V Permit Application Facility Profile Form.

PART 4 - FACILITY WIDE GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

Condition Number	Condition
4.1	In accordance with S.C. Regulation 61-62.1, Section II, the permittee must comply with all applicable Air Quality statutes and regulations of the United States and the State of South Carolina. This permit does not relieve the permittee from compliance with applicable local laws, ordinances, and regulations such as, but not exclusive to zoning, building permits and other programs regulated by entities other than the Bureau of Air Quality.
4.2	<p>In accordance with S.C. Regulation 61-62.1, Section II(J), for sources not required to have continuous emissions monitors, 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 Department's local Environmental Quality Control (EQC) Regional office within twenty-four (24) hours after the beginning of the occurrence. The contact information for the local EQC Regional office can be found at http://www.scdhec.gov/environment/envserv/regions.htm.</p> <p>The owner or operator 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) and shall include as a minimum, the following:</p> <ol style="list-style-type: none"> 1. The identity of the stack and/or emission point where the excess emissions occurred; 2. The magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions; 3. The time and duration of excess emissions; 4. The identity of the equipment causing the excess emissions; 5. The nature and cause of such excess emissions;

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PART 4 - FACILITY WIDE GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

Condition Number	Condition
	<p>6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction;</p> <p>7. The steps taken to limit the excess emissions; and,</p> <p>8. Documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated, to the maximum extent practicable, in a manner consistent with good practice for minimizing emissions.</p> <p>This defines the Department's definition of prompt in its relation to the degree of reporting as specified by S.C. Regulation 61-62.70.6(a)(3)(iii)(B).</p>
4.3	<p>The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to S.C. Regulation 61-62.1, Section III. These Emissions Inventory Reports shall be submitted to the Manager of the Emissions Inventory Section of the Bureau of Air Quality (BAQ).</p> <p style="text-align: center;">SCDHEC - BAQ Emissions Inventory Section 2600 Bull Street Columbia, SC 29201</p> <p>This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.</p>
4.4	The permittee shall comply with S.C. Regulation 61-62.2 "Prohibition of Open Burning."
4.5	The permittee shall comply with S.C. Regulation 61-62.4 "Hazardous Air Pollution Conditions."
4.6	The permittee shall comply with S.C. Regulation 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide."
4.7	The permittee shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
4.8	The permittee shall comply with the standards of performance for asbestos abatement operations pursuant to S.C. Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
4.9	The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the permittee performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the permittee is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.

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PART 4 - FACILITY WIDE GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

Condition Number	Condition
4.10	<p>(S.C. Regulation 61-62.1, Section II.A.2) Air dispersion modeling analysis or other information has demonstrated that emissions from constructed or modified sources will not interfere with the attainment and maintenance of any state or federal ambient air quality standard as applicable. 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 - Modeled Emission Rates of this permit. Higher emission rates may be administratively incorporated into Attachment - Modeled Emission Rates of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality 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.</p> <p>The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment - Modeled Emission Rates, not to exceed the pollutant limitations of this Title V operating permit. Should the facility wish to increase the emission rates listed in Attachment - Modeled Emission Rates, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified above. This is a State Only enforceable requirement.</p>
4.11	This permit expressly incorporates insignificant activities. Emissions from these activities shall be included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III.C.2.g.

PART 5 - EMISSION UNIT REQUIREMENTS

PART 5.A - EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description	Control Device ID	Control Device Type (Generic Description)
01	Unit 1	CD-ESP1 CD-SCR1 CD-SCRUBBER1	Electrostatic Precipitator, Selective Catalytic Reduction System, Wet Limestone Scrubber
02	Unit 2	CD-ESP2 CD-SCR2 CD-SCRUBBER2	Electrostatic Precipitator, Selective Catalytic Reduction System, Wet Limestone Scrubber
03	Unit 3	CD-ESP3 CD-SCR3 CD-SCRUBBER3 CD-DC1	Electrostatic Precipitator, Selective Catalytic Reduction System, Wet Limestone Scrubber, Dust Collectors
04	Unit 4	CD-ESP4 CD-SCR4 CD-SCRUBBER4 CD-DC1	Electrostatic Precipitator, Selective Catalytic Reduction System, Wet Limestone Scrubber, Dust Collectors
05	Coal Unloading System	N/A	N/A

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PART 5 - EMISSION UNIT REQUIREMENTS

PART 5.A - EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description	Control Device ID	Control Device Type (Generic Description)
06	Coal Handling System #1	N/A	N/A
07	Coal Handling System #2	N/A	N/A
09	Synfuel System (Inactive)	N/A	N/A
10	Limestone Handling System	CD-L7	Dust Collector
11	Gypsum Handling System	N/A	N/A
12	Chem-Mod System	CD-BV1S, CD-BV2S CD-BV1 - CD-BV5	Binvent Filters

N/A = Not Applicable

PART 5.B - GENERIC EMISSION UNIT CONDITIONS

Condition Number	Emission Unit ID	Equipment/Control Device ID	Condition
5.B.1	All Sources	All Sources	Equipment capacities provided under the Equipment Description column of the Equipment Tables in Part 5.C are not intended to be permit limits unless otherwise specified within the Table of Conditions for the particular equipment. However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.
5.B.2	All Sources	All Sources	In accordance with S.C. Regulation 61-62.1, Section II(J), a copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. A permittee shall maintain such operational records; make reports; install, use, and maintain monitoring equipment or methods; sample and analyze emissions or discharges in accordance with prescribed methods, at locations, intervals, and procedures as the Department shall prescribe; and provide such other information as the Department reasonably may require. All records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least five (5) years and shall be made available to a Department representative upon request.

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PART 5.B - GENERIC EMISSION UNIT CONDITIONS

Condition Number	Emission Unit ID	Equipment/Control Device ID	Condition
5.B.3	01 02 03 04	Specified Sources	<p>For any source test required under an applicable standard or permit condition, the owner or operator shall comply with S.C. Regulation 61-62.1, Section IV - Source Tests.</p> <p>The owner/operator shall ensure that source tests are conducted while the source is operating at the maximum expected production rate or other production rate or operating parameter which would result in the highest emissions for the pollutants being tested. Some sources may have to spike fuels or raw materials to avoid being subjected to a more restrictive feed or process rate. Any source test performed at a production rate less than the rated capacity may result in permit limits on emission rates, including limits on production if necessary.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Manager of the Source Evaluation Section, Bureau of Air Quality (BAQ).</p> <p style="text-align: center;">SCDHEC - BAQ Source Evaluation Section 2600 Bull Street Columbia, SC 29201</p>
5.B.4	All Sources	All Sources	<p>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.</p>
5.B.5	All Sources	All Sources	<p>All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site. Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted semiannually. If no incidences occurred during the reporting period then a letter shall indicate such.</p> <p>Any alternative method for monitoring control device performance must be preapproved by the Bureau and shall be incorporated into the permit as set forth in SC Regulation 61-62.70.7.</p>

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PART 5.B - GENERIC EMISSION UNIT CONDITIONS

Condition Number	Emission Unit ID	Equipment/ Control Device ID	Condition
5.B.6	01 02 03 04	B01 B02 B03 B04	<p>Per S.C. Regulation 61-62.5, Standard 5.2, Section I(a)(2) and Section IV, for any existing source where a burner assembly is replaced after June 25, 2004, regardless of size or age of the burner assembly to be replaced, the burner assembly shall be replaced with a low NO_x burner assembly or equivalent technology capable of achieving a 30 percent reduction from uncontrolled NO_x emission levels based upon manufacturer's specifications. An exemption from this requirement shall be granted when a single burner assembly is being replaced in a source with multiple burners due to non-routine maintenance. The owner or operator shall notify and register the replacement with the Department in accordance with S.C. Regulation 61-62.5, Standard 5.2, Section V and listed below. The replacement of individual components such as burner heads, nozzles, or windboxes does not trigger the applicability of this regulation.</p> <ul style="list-style-type: none"> • When an existing burner assembly is replaced, the owner or operator shall notify and register the replacement with the Department using the appropriate low NO_x burner replacement notification form and submit the form to the Director of Engineering Services within 7 days of replacing an existing burner assembly. • Owners/operators shall perform tune-ups every two years in accordance with manufacturer's specifications or with good engineering practices. All tune-up records are required to be maintained on site. The facility shall develop and retain a tune-up plan on file.
5.B.7	01 02 03 04 05 06 07 10 11 12	Specified Sources	<p>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.</p> <p>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.</p> <p>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. Fugitive sources may be grouped and treated as a single volume source to the extent they are in the same general proximity and compliance is determined based on the more stringent limit. Records shall identify group make-up. Point sources (both controlled and uncontrolled stacks) shall be observed individually.</p>
5.B.8	02 03 04 05 06 07 10 12	Specified Sources	<p>All references to NSPS or §60 in this permit, refer to both S.C. Regulation 61-62.60 - "South Carolina Designated Facility Plan And New Source Performance Standards" and Code of Federal Regulations Title 40, Part 60 - "Standards Of Performance For New Stationary Sources."</p>
5.B.9	All Sources	All Sources	<p>All submitted reports shall contain a statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.</p>

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PART 5.C - EMISSION UNIT - LIMITATIONS, MONITORING AND REPORTING
[S.C. Regulation 61-62.1, Section II]; [S.C. Regulation 61-62.70.6(a)(3)(i)(B)]

PART 5.C.01a - EQUIPMENT FOR EMISSION UNIT ID 01 - UNIT 1

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
B01	Boiler No. 1: 2,660 MMBTU/hr (nominal)	7/1/71	CD-ESP1 CD-SCRUBBER1 CD-SCR1	S01

PART 5.C.01b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 01 - UNIT 1

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-ESP1	Electrostatic Precipitator	1971	PM, PM ₁₀ , PM _{2.5}
CD-SCRUBBER1	Wet Limestone Scrubber (FGD)	2007	SO ₂
CD-SCR1	Selective Catalytic Reduction System	2003	NO _x

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PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - UNIT 1

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
01.1	B01 CD-ESP1	PM (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, the ESP for the Unit 1 boiler shall be operated continuously so as to maximize PM emission reductions. PM emissions shall be limited to 0.030 lb/MMBTU (3-hour block average as measured by Source Testing specified below).</p> <p>The owner/operator shall use good engineering practices for PM control at all times that the Unit 1 boiler is operating. The owner/operator need not commence operation of any ESP until the unit the ESP serves has continuously combusted any amount of coal for a period of three hours.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate compliance with this emission limit through annual particulate matter source tests conducted in accordance with applicable testing requirements.</p> <p>If an annual source test result is 0.015 lb/MMBTU or less, then subsequent source tests may be conducted biennially. If a biennial source test result is greater than 0.015 lb/MMBTU, the source must revert to testing annually.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel</p> <p>The owner/operator shall continuously operate each PM control device to maximize PM emission reductions, consistent with the operational and maintenance limitations of the units. Specifically, the owner/operator shall, at a minimum: (a) energize each section of the ESP for each unit, regardless of whether that action is needed to comply with opacity limits; (b) maintain the energy or power levels delivered to the ESPs for each unit to achieve the greatest possible removal of PM; (c) make best efforts to expeditiously repair and return to service transformer-rectifier sets when they fail; and (d) inspect for, and schedule for repair, any openings in ESP casings and ductwork to minimize air leakage. The owner/operator shall also optimize the plate-cleaning and discharge-electrode-cleaning systems by varying the cycle time, cycle frequency, rapper-vibrator intensity, and number of strikes per cleaning event, of these systems to minimize PM emissions.</p>

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PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - UNIT 1

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
01.2	B01 CD-ESP1	PM (Standard 1)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section II - Particulate Matter Emissions, the allowable discharge of particulate matter resulting from fuel burning operations is based on the input heat rate of each source. For sources operating below 1,300 MMBTU/hr heat input rate, the limit is 0.6 lb/MMBTU (3-hour block average as measured by Source Testing specified below). For sources operating equal to or above 1,300 MMBTU/hr heat input rate, the limit is expressed as a function of the input heat rate per the following equation: $E = 57.84 P^{-0.637}$ where E = the allowable emission rate in pounds per MMBTU heat input (3-hour block average as measured by Source Testing specified below) and P = MMBTU heat input per hour</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate compliance through source testing. Testing shall be conducted semiannually each year during the first and third quarters or during the second and fourth quarters as determined by the established cycle, except for the following alternate schedule. If the source operates under 80 percent of its particulate limit as demonstrated by the three previous consecutive source tests, annual source testing in the same quarter as the previous test is allowed until a source test result greater than 80 percent returns the frequency to semiannual.</p> <p>If any applicable COMs data recorded in a quarter shows exceedances above the opacity standard, the Department may require the permittee to perform additional actions to demonstrate compliance with the particulate matter standard. Actions may include, but are not limited to, additional particulate matter source testing. Unless otherwise directed by the Department, an owner/operator shall conduct a minimum of one particulate matter source test during each Title V year.</p> <p>Particulate matter source testing is to be conducted in accordance with SC Regulation 61-62.1 Section IV.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel</p>

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PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - UNIT 1

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
01.3	B01 CD- SCRUBBER1	SO ₂ (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 1 boiler sulfur dioxide (SO₂) emissions shall be limited to 2.85 lb/MMBTU (24 hour block average).</p> <p>State Only: No</p> <p>Testing: None required</p> <p>Monitoring/Record Keeping/Reporting/Other: In determining emission rates for SO₂, the owner/operator shall use CEMS in accordance with those reference methods specified in 40 C.F.R. Part 75 or 40 C.F.R. Part 60.</p> <p>The owner/operator shall submit quarterly reports of SO₂ CEMS results.</p>

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PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - UNIT 1

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
01.4	B01 CD- SCRUBBER1	SO ₂ (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, the FGD for the Unit 1 boiler shall be operated continuously so as to maximize SO₂ emission reductions. The FGD shall achieve a 95% or higher SO₂ removal efficiency (30-day rolling average).</p> <p>SO₂ emissions from the Unit 1 boiler, combined with emissions from Units 2-4 and Cross Units 1-4, Grainger Units 1-2, and Jefferies Units 3-4, shall be limited to 0.50 lb/MMBTU (12-month rolling average) and 65,000 tons (12-month rolling sum).</p> <p>The owner/operator shall not use SO₂ allowances or credits to comply with these system-wide limitations.</p> <p>The owner/operator shall continuously operate the FGD at all times that the Unit 1 boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for the FGD. The owner/operator need not operate an FGD system during periods of malfunction of the FGD, provided the owner/operator satisfies the notice requirements.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall calibrate, certify, maintain, and operate CEMS, and record the system outputs, for measuring SO₂ and either O₂ or CO₂. The owner/operator shall calibrate, certify, maintain, and operate the CEMS in accordance with the applicable procedures in Performance Specification 2 and/or 3 in appendix B of §60 or according to the procedures in appendices A and B of 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit semi-annual reports of the unit specific thirty day rolling average emission rates, unit specific thirty day rolling average removal efficiencies, system wide 12 month rolling average emission rates and system wide 12 month rolling tonnage limitations as required in the Consent Decree. At such time the Consent Decree expires, the emissions data previously reported via the Consent Decree semi annual reports will be included with the semi-annual Title V reporting.</p>
01.5	B01 CD- SCRUBBER1	SO ₂ (Standard 1)	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section III - Sulfur Dioxide Emissions, the maximum allowable discharge of SO₂ resulting from fuel burning sources is 2.3 lb/MMBTU heat input (24 hour average).</p> <p>State Only: No</p> <p>Testing: None Required. Compliance measurements will be determined by the SO₂ CEMS.</p> <p>Monitoring/Record Keeping/Reporting/Other: Reports demonstrating compliance with the sulfur dioxide limits shall be submitted quarterly.</p>

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PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - UNIT 1

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
01.6	B01 CD-SCR1	NO _x (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, a selective catalytic reduction (SCR) system for the Unit 1 boiler shall be operated continuously so as to maximize NO_x emission reductions. NO_x emissions shall be limited to 0.100 lb/MMBTU (30-day rolling average).</p> <p>NO_x emissions from the Unit 1 boiler, combined with emissions from Units 2, 3, and 4 and Cross Units 1-4, Grainger Units 1-2, and Jefferies Units 3-4, shall be limited to 0.150 lb/MMBTU (12-month rolling average) and 20,000 tons (12-month rolling sum).</p> <p>The owner/operator shall not use NO_x allowances or credits to comply with these system-wide limitations.</p> <p>The owner/operator shall continuously operate the SCR at all times that the Unit 1 boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for the SCR. The owner/operator need not operate an SCR system during periods of malfunction of the SCR, provided owner/operator satisfies the notice requirements.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall calibrate, certify, maintain, and operate CEMS, and record the system outputs, for measuring NO_x and either O₂ or CO₂. The owner/operator shall calibrate, certify, maintain, and operate the CEMS in accordance with the reference methods specified in 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit semi-annual reports of the unit specific thirty day rolling average emission rates, unit specific thirty day rolling average removal efficiencies, system wide 12 month rolling average emission rates and system wide 12 month rolling tonnage limitations as required in the Consent Decree. At such time the Consent Decree expires, the emissions data previously reported via the Consent Decree semi annual reports will be included with the semi-annual Title V reporting.</p>

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PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - UNIT 1

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
01.7	B01 CD-ESP1	Opacity (Standard 1)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section I – Visible Emissions, any fuel combustion source constructed prior to February 11, 1971 shall not discharge into the ambient air smoke which exceeds an opacity of thirty-five (35) percent. The thirty-five (35) percent opacity limit may be exceeded for sootblowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by sootblowing shall not exceed sixty (60) percent opacity.</p> <p>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.</p> <p>State Only: No</p> <p>Testing: The owner or operator shall operate and maintain continuous monitoring system(s) for the measurement of opacity. The monitor shall meet the performance specifications in S.C. Regulation 61-62.5, Standard No. 1, Section IV(D).</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown.</p> <p>The owner/operator shall maintain records and submit quarterly reports as listed in S.C. Regulation 61-62.5, Standard No. 1, Section IV.</p>

PART 5.C.02a - EQUIPMENT FOR EMISSION UNIT ID 02 - UNIT 2

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
B02	Boiler No. 2: 2,660 MMBTU/hr (nominal)	10/10/74	CD-ESP2 CD-SCR2 CD-SCRUBBER2	S02

PART 5.C.02b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 02 - UNIT 2

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-ESP2	Electrostatic Precipitator	1975; 2007	PM, PM ₁₀ , PM _{2.5}
CD-SCRUBBER2	Wet Limestone Scrubber (FGD)	2007	SO ₂
CD-SCR2	Selective Catalytic Reduction System	2003	NO _x

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
02.1	B02 CD-ESP2	PM (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, the ESP for the Unit 2 boiler shall be operated continuously so as to maximize PM emission reductions. PM emissions shall be limited to 0.030 lb/MMBTU (3-hour block average as measured by Source Testing specified below).</p> <p>The owner/operator shall use good engineering practices for PM control at all times that the Unit 1 boiler is operating. The owner/operator need not commence operation of ay ESP until the unit the ESP serves has continuously combusted any amount of coal for a period of three hours.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate compliance with this emission limit through annual particulate matter source tests conducted in accordance with applicable testing requirements.</p> <p>If an annual source test result is 0.015 lb/MMBTU or less, then subsequent source tests may be conducted biennially. If a biennial source test result is greater than 0.015 lb/MMBTU, the source must revert to testing annually.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel</p> <p>The owner/operator shall continuously operate each PM control device to maximize PM emission reductions, consistent with the operational and maintenance limitations of the units. Specifically, the owner/operator shall, at a minimum: (a) energize each section of the ESP for each unit, regardless of whether that action is needed to comply with opacity limits; (b) maintain the energy or power levels delivered to the ESPs for each unit to achieve the greatest possible removal of PM; (c) make best efforts to expeditiously repair and return to service transformer-rectifier sets when they fail; and (d) inspect for, and schedule for repair, any openings in ESP casings and ductwork to minimize air leakage. The owner/operator shall also optimize the plate-cleaning and discharge-electrode-cleaning systems by varying the cycle time, cycle frequency, rapper-vibrator intensity, and number of strikes per cleaning event, of these systems to minimize PM emissions.</p>

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
02.2	B02 CD-ESP2	PM (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.42 - Standard For Particulate Matter, (a) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain particulate matter in excess of 43 nanograms per joule heat input (0.10 lb per 10⁶ Btu) heat input derived from fossil fuel (24 hour block average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel.</p>
02.3	B02 CD-ESP2	PM (Standard 1)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section II - Particulate Matter Emissions, the allowable discharge of particulate matter resulting from fuel burning operations is based on the input heat rate of each source. For sources operating below 1,300 MMBTU/hr heat input rate, the limit is 0.6 lb/MMBTU (3-hour block average as measured by Source Testing specified below). For sources operating equal to or above 1,300 MMBTU/hr heat input rate, the limit is expressed as a function of the input heat rate per the following equation: $E = 57.84 P^{-0.637}$</p> <p>where E = the allowable emission rate in pounds per MMBTU heat input (24 hour average) and P = MMBTU heat input per hour</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate compliance through source testing. Testing shall be conducted semiannually each year during the first and third quarters or during the second and fourth quarters as determined by the established cycle, except for the following alternate schedule. If the source operates under 80 percent of its particulate limit as demonstrated by the three previous consecutive source tests, annual source testing in the same quarter as the previous test is allowed until a source test result greater than 80 percent returns the frequency to semiannual.</p> <p>If any applicable COMs data recorded in a quarter shows exceedances above the opacity standard, the Department may require the permittee to perform additional actions to demonstrate compliance with the particulate matter standard. Actions may include, but are not limited to, additional particulate matter source testing. Unless otherwise directed by the Department, an owner/operator shall conduct a minimum of one particulate matter source test during each calendar year.</p>

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>Particulate matter source testing is to be conducted in accordance with SC Regulation 61-62.1 Section IV.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel.</p>
02.4	B02 CD-ESP2	PM (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 2 boiler particulate matter (PM) emissions shall be controlled by the proper use of an electrostatic precipitator (ESP). PM emissions shall be limited to 0.1 lb/MMBTU (3-hour block average as measured by Source Testing specified below).</p> <p>The limit is applicable at all periods of normal operation, including periods of soot-blowing.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate PM compliance with this emission limit through annual source tests in accordance with applicable testing requirements. PM source tests shall include operation during soot-blowing, where so equipped. PM source tests conducted for compliance with other requirements may be used to demonstrate compliance if conducted in the same manner, within the required timeframe.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel.</p>
02.5	B02 CD- SCRUBBER2	SO ₂ (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 2 boiler sulfur dioxide (SO₂) emissions shall be limited to 1.2 lb/MMBTU (averaging period demonstrated below).</p> <p>State Only: No</p> <p>Testing: The owner/operator has chosen to comply with the 40 CFR 60, Subpart Da limits for NO_x and SO₂ as allowed per 40 CFR 60, Subpart D. Compliance with the limit above shall be demonstrated by compliance with the limit in 40 CFR 60.43(d).</p> <p>In determining Emission Rates for SO₂, the owner/operator shall use CEMS in accordance with those reference methods specified in 40 C.F.R. Part 75 or 40 C.F.R. Part 60.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit quarterly reports of SO₂ CEMS results.</p>
02.6	B02	SO ₂	<p>Limits/Standards:</p>

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
	CD-SCRUBBER2	(Consent Decree)	<p>In accordance with the Consent Decree effective June 24, 2004, the FGD for the Unit 2 boiler shall be operated continuously so as to maximize SO₂ emission reductions. The FGD shall achieve a 95% or higher SO₂ removal efficiency (30-day rolling average).</p> <p>SO₂ emissions from the Unit 2 boiler, combined with emissions from Units 1, 3, and 4 and Cross Units 1-4, Grainger Units 1-2, and Jefferies Units 3-4, shall be limited to 0.50 lb/MMBTU (12-month rolling average) and 65,000 tons (12-month rolling sum).</p> <p>The owner/operator shall not use SO₂ allowances or credits to comply with these system-wide limitations.</p> <p>The owner/operator shall continuously operate the FGD at all times that the Unit 2 boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for the FGD. The owner/operator need not operate an FGD system during periods of malfunction of the FGD, provided the owner/operator satisfies the notice requirements.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall calibrate, certify, maintain, and operate CEMS, and record the system outputs, for measuring SO₂ and either O₂ or CO₂. The owner/operator shall calibrate, certify, maintain, and operate the CEMS in accordance with the applicable procedures in Performance Specification 2 and/or 3 in appendix B of §60 or according to the procedures in appendices A and B of 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit semi-annual reports of the unit specific thirty day rolling average emission rates, unit specific thirty day rolling average removal efficiencies, system wide 12 month rolling average emission rates and system wide 12 month rolling tonnage limitations as required in the Consent Decree. At such time the Consent Decree expires, the emissions data previously reported via the Consent Decree semi annual reports will be included with the semi-annual Title V reporting..</p>

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
02.7	B02 CD- SCRUBBER2	SO ₂ (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.43 - Standard for Sulfur Dioxide, (d) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain sulfur dioxide (SO₂) in excess of:</p> <p style="padding-left: 40px;">180 ng/J (1.4 lb/MWh) gross energy output; 65 nanograms per joule heat input (0.15 lb per 10⁶ Btu); or 10 percent of the potential combustion concentration (90 percent reduction) (30 day rolling average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain and operate a continuous emissions monitoring system (CEMS) and record the output of the system, for measuring SO₂ emissions and oxygen (O₂) or carbon dioxide (CO₂). Performance evaluations under §60.13(c) and calibration checks under §60.13(d) shall use the procedures in paragraph (c).</p> <p>In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, CEMS monitoring data shall be converted into units of the applicable standard using the procedures in paragraph (e) and (f). Excess emission and monitoring system reports shall be submitted semiannually as specified in paragraph (g) and defined in paragraph (g)(2).</p>
02.8	B02 CD- SCRUBBER2	SO ₂ (Standard 1)	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section III - Sulfur Dioxide Emissions, the maximum allowable discharge of SO₂ resulting from fuel burning sources is 2.3 lb/MMBTU heat input (24 hour average).</p> <p>State Only: No</p> <p>Testing: None Required. Compliance measurements will be determined by the SO₂ CEMS.</p> <p>Monitoring/Record Keeping/Reporting/Other: Reports demonstrating compliance with the sulfur dioxide limits shall be submitted quarterly.</p>

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
02.9	B02 CD-SCR2	NO _x (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, a selective catalytic reduction (SCR) system for the Unit 2 boiler shall be operated continuously so as to maximize NO_x emission reductions. NO_x emissions shall be limited to 0.120 lb/MMBTU (30-day rolling average).</p> <p>NO_x emissions from the Unit 2 boiler, combined with emissions Units 1, 3, and 4 and Cross Units 1-4, Grainger Units 1-2, and Jefferies Units 3-4, shall be limited to 0.150 lb/MMBTU (12-month rolling average) and 20,000 tons (12-month rolling sum).</p> <p>The owner/operator shall not use NO_x allowances or credits to comply with these system-wide limitations.</p> <p>The owner/operator shall continuously operate the SCR at all times that the Unit 2 boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for the SCR. The owner/operator need not operate an SCR system during periods of malfunction of the SCR, provided the owner/operator satisfies the notice requirements.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall calibrate, certify, maintain, and operate CEMS, and record the system outputs, for measuring NO_x and either O₂ or CO₂. The owner/operator shall calibrate, certify, maintain, and operate the CEMS in accordance with the reference methods specified in 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit semi-annual reports of the unit specific thirty day rolling average emission rates, unit specific thirty day rolling average removal efficiencies, system wide 12 month rolling average emission rates and system wide 12 month rolling tonnage limitations as required in the Consent Decree. At such time the Consent Decree expires, the emissions data previously reported via the Consent Decree semi annual reports will be included with the semi-annual Title V reporting.</p>
02.10	B02 CD-SCR2	NO _x (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.44 - Standard for Nitrogen Oxides, (e) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain nitrogen oxides (NO_x) in excess of:</p> <p style="padding-left: 40px;">180 ng/J (1.4 lb/MWh) gross energy output; or 65 ng/J (0.15 lb/MMBtu) heat input (30 day rolling average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain and operate a continuous emissions monitoring system</p>

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>(CEMS) and record the output of the system, for measuring NO_x emissions and oxygen (O₂) or carbon dioxide (CO₂). Performance evaluations under §60.13(c) and calibration checks under §60.13(d) shall use the procedures in paragraph (c).</p> <p>In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, CEMS monitoring data shall be converted into units of the applicable standard using the procedures in paragraph (e) and (f). Excess emission and monitoring system reports shall be submitted quarterly as specified in paragraph (g) and defined in paragraph (g)(3).</p>
02.11	B02 CD-SCR2	NO _x (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 2 boiler nitrogen oxide (NO_x) emissions shall be controlled by the proper use of an SCR. NO_x emissions shall be limited to 0.7 lb/MMBTU (averaging period demonstrated below).</p> <p>State Only: No</p> <p>Testing: The owner/operator has chosen to comply with the 40 CFR 60, Subpart Da limits for NO_x and SO₂ as allowed per 40 CFR 60, Subpart D. Compliance with the limit above shall be demonstrated by complying with the limits outlined in 40 CFR 60.44(e).</p> <p>In determining Emission Rates for NO_x, the owner/operator shall use CEMS in accordance with those reference methods specified in 40 C.F.R. Part 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit quarterly reports of NO_x CEMS output.</p>

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
02.12	B02 CD-ESP2	Opacity (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.42 - Standard For Particulate Matter, (a) the owner/operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity except for one-six minute period per hour of not more than 27 percent opacity.</p> <p>In accordance with §60.11, 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.</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain, and operate a continuous opacity monitoring system (COMS), and record the output of the system, for measuring the opacity of emissions discharged to the atmosphere. The COMS shall meet the performance evaluation in accordance with Performance Specification 1.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, Excess emission and monitoring system reports shall be submitted semiannually as specified in paragraph (g) and defined in paragraph (g)(1).</p>
02.13	B02 CD-ESP2	Opacity (Standard 1)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section I – Visible Emissions, any fuel combustion source constructed on or after February 11, 1971 shall not discharge into the ambient air smoke which exceeds an opacity of twenty (20). The twenty (20) percent opacity limit may be exceeded for sootblowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by sootblowing shall not exceed sixty (60) percent opacity.</p> <p>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.</p> <p>State Only: No</p> <p>Testing: The owner or operator shall operate and maintain continuous monitoring system(s) for the measurement of opacity. The monitor shall meet the performance specifications in S.C. Regulation 61-62.5, Standard No. 1, Section IV(D).</p> <p>Monitoring/Record Keeping/Reporting/Other:</p>

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PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - UNIT 2

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
			<p>The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown.</p> <p>The owner/operator shall maintain records and submit quarterly reports as listed in S.C. Regulation 61-62.5, Standard No. 1, Section IV.</p>
02.14	B02 CD-ESP2	Opacity (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 2 boiler opacity emissions shall not discharge into the ambient air smoke which exceeds an opacity of twenty (20). The twenty (20) percent opacity limit may be exceeded for sootblowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by sootblowing shall not exceed sixty (60) percent opacity.</p> <p>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.</p> <p>State Only: No</p> <p>Testing: In determining the opacity, the owner/operator shall use COMS in accordance with those reference methods specified in 40 C.F.R. Part 60.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown.</p> <p>The owner/operator shall maintain records and submit quarterly reports as specified in S.C. Regulation 61-62.5, Standard No. 1, Section IV.</p>

PART 5.C.03a - EQUIPMENT FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
B03	Boiler No. 3: 2,660 MMBTU/hr (nominal)	4/14/78; 2002	CD-ESP3 CD-SCR3 CD-SCRUBBER3 CD-DC1	S03 P69
P69	Fly Ash Silo	4/14/78; 2002	CD-DC1	P69

PART 5.C.03b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-ESP3	Electrostatic Precipitator	1978	PM, PM ₁₀ , PM _{2.5}

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PART 5.C.03b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
CD-SCRUBBER3	Quencher and Adsorber SO ₂ Scrubber Utilizing Wet Limestone (FGD)	1978	SO ₂
CD-SCR3	Selective Catalytic Reduction System	2003	NO _x
CD-DC1	Fly Ash Silo Bin Vent Dust Collector	2002	PM, PM ₁₀ , PM _{2.5}

PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
03.1	B03 CD-ESP3	PM (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 3 boiler particulate matter (PM) emissions shall be controlled by the proper use of an electrostatic precipitator (ESP). PM emissions shall be limited to 0.1 lb/MMBTU (3-hour block average as measured by Source Testing specified below).</p> <p>The limit is applicable at all periods of normal operation, including periods of soot-blowing.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate PM compliance with this emission limit through annual source tests in accordance with applicable testing requirements. PM source tests shall include operation during soot-blowing, where so equipped. PM source tests conducted for compliance with other requirements may be used to demonstrate compliance if conducted in the same manner, within the required timeframe.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel.</p>
03.2	B03 CD-ESP3	PM (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, the ESP for the Unit 3 boiler shall be operated continuously so as to maximize PM emission reductions. PM emissions shall be limited to 0.030 lb/MMBTU (3-hour block average as measured by Source Testing specified below).</p> <p>The owner/operator shall use good engineering practices for PM control at all times that the Unit 3 boiler is operating. The owner/operator need not commence operation of any ESP until the unit the ESP serves has continuously combusted any amount of coal for a period of three hours.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate compliance with this emission limit through annual particulate matter source tests conducted in accordance with applicable testing requirements.</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>If an annual source test result is 0.015 lb/MMBTU or less, then subsequent source tests may be conducted biennially. If a biennial source test result is greater than 0.015 lb/MMBTU, the source must revert to testing annually.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel</p> <p>The owner/operator shall continuously operate each PM control device to maximize PM emission reductions, consistent with the operational and maintenance limitations of the units. Specifically, the owner/operator shall, at a minimum: (a) energize each section of the ESP for each unit, regardless of whether that action is needed to comply with opacity limits; (b) maintain the energy or power levels delivered to the ESPs for each unit to achieve the greatest possible removal of PM; (c) make best efforts to expeditiously repair and return to service transformer-rectifier sets when they fail; and (d) inspect for, and schedule for repair, any openings in ESP casings and ductwork to minimize air leakage. The owner/operator shall also optimize the plate-cleaning and discharge-electrode-cleaning systems by varying the cycle time, cycle frequency, rapper-vibrator intensity, and number of strikes per cleaning event, of these systems to minimize PM emissions.</p>
03.3	B03 CD-ESP3	PM (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.42 - Standard For Particulate Matter, (a) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain particulate matter in excess of 43 nanograms per joule heat input (0.10 lb per 10⁶ Btu) heat input derived from fossil fuel (24 hour block average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel.</p>
03.4	B03 CD-ESP3	PM (Standard 1)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section II - Particulate Matter Emissions, the allowable discharge of particulate matter resulting from fuel burning operations is based on the input heat rate of each source. For sources operating below 1,300 MMBTU/hr heat input rate, the limit is 0.6 lb/MMBTU (3-hour block average as measured by Source Testing specified below). For sources operating equal to or above 1,300 MMBTU/hr heat input rate, the limit is expressed as a function of the input heat rate per the following equation: $E = 57.84 P^{-0.637}$</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions				
			<p>where E = the allowable emission rate in pounds per MMBTU heat input (3-hour block average as measured by Source Testing specified below) and P = MMBTU heat input per hour</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate compliance through source testing. Testing shall be conducted semiannually each year during the first and third quarters or during the second and fourth quarters as determined by the established cycle, except for the following alternate schedule. If the source operates under 80 percent of its particulate limit as demonstrated by the three previous consecutive source tests, annual source testing in the same quarter as the previous test is allowed until a source test result greater than 80 percent returns the frequency to semiannual.</p> <p>If any applicable COMs data recorded in a quarter shows exceedances above the opacity standard, the Department may require the permittee to perform additional actions to demonstrate compliance with the particulate matter standard. Actions may include, but are not limited to, additional particulate matter source testing. Unless otherwise directed by the Department, an owner/operator shall conduct a minimum of one particulate matter source test during each Title V year.</p> <p>Particulate matter source testing is to be conducted in accordance with SC Regulation 61-62.1 Section IV.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel..</p>				
03.5	P69 CD-DC1	PM (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of the following equations: 1) when process weight rates are less than or equal to 30 tons per hour:</p> $E = 4.10P^{0.67}$ <p style="text-align: center;">or</p> <p>2) when process weight rates are greater than 30 tons per hour</p> $E = 55.0P^{0.11} - 40$ <p>where E = the allowable emission rate in pounds per hour (3 hour block average) and P = process weight rate in tons per hour</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Process</th> <th style="text-align: left;">Equipment IDs</th> </tr> </thead> <tbody> <tr> <td>Flyash Handling</td> <td>P69</td> </tr> </tbody> </table> <p>State Only: No</p>	Process	Equipment IDs	Flyash Handling	P69
Process	Equipment IDs						
Flyash Handling	P69						

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>Dust collectors shall be operational and in place at all times when equipment or processes controlled by collectors are operating.</p> <p>The owner/operator shall implement a schedule for monthly inspection and regular cleaning or replacement of filters. The owner/operator shall perform a visual inspection on each piece of equipment, while the equipment is operating, on a semi-annual basis.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of inspection, maintenance, and visual inspection shall be maintained on site.</p>
03.6	B03 CD- SCRUBBER3	SO ₂ (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 3 boiler sulfur dioxide (SO₂) emissions shall be controlled by the proper use of a limestone scrubber. SO₂ emissions shall be limited to 0.52 lb/MMBTU (averaging period demonstrated below).</p> <p>State Only: No</p> <p>Testing: The owner/operator has chosen to comply with the 40 CFR 60, Subpart Da limits for NO_x and SO₂ as allowed per 40 CFR 60, Subpart D. Compliance with the limit above shall be demonstrated by compliance with the limit in 40 CFR 60.43(d).</p> <p>In determining Emission Rates for SO₂, the owner/operator shall use CEMS in accordance with those reference methods specified in 40 C.F.R. Part 75 or 40 C.F.R. Part 60</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit quarterly reports of SO₂ CEMS output.</p>
03.7	B03 CD- SCRUBBER3	SO ₂ (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, the FGD for the Unit 3 boiler shall be operated continuously so as to maximize SO₂ emission reductions. The FGD shall achieve a 90% or higher SO₂ removal efficiency (30-day rolling average).</p> <p>SO₂ emissions from the Unit 3 boiler, combined with emissions from Units 1, 2, and 4 and Cross Units 1-4, Grainger Units 1-2, and Jefferies Units 3-4, shall be limited to 0.50 lb/MMBTU (12-month rolling average) and 65,000 tons (12-month rolling sum).</p> <p>The owner/operator shall not use SO₂ allowances or credits to comply with these</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
			<p>system-wide limitations.</p> <p>The owner/operator shall continuously operate the FGD at all times that the Unit 3 boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for the FGD. The owner/operator need not operate an FGD system during periods of malfunction of the FGD, provided the owner/operator satisfies the notice requirements.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall calibrate, certify, maintain, and operate CEMS, and record the system outputs, for measuring SO₂ and either O₂ or CO₂. The owner/operator shall calibrate, certify, maintain, and operate the CEMS in accordance with the applicable procedures in Performance Specification 2 and/or 3 in appendix B of §60 or according to the procedures in appendices A and B of 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit semi-annual reports of the unit specific thirty day rolling average emission rates, unit specific thirty day rolling average removal efficiencies, system wide 12 month rolling average emission rates and system wide 12 month rolling tonnage limitations as required in the Consent Decree. At such time the Consent Decree expires, the emissions data previously reported via the Consent Decree semi annual reports will be included with the semi-annual Title V reporting.</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
03.8	B03 CD- SCRUBBER3	SO ₂ (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.43 - Standard for Sulfur Dioxide, (d) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain sulfur dioxide (SO₂) in excess of:</p> <p>180 ng/J (1.4 lb/MWh) gross energy output; 65 nanograms per joule heat input (0.15 lb per 10⁶ Btu); or 10 percent of the potential combustion concentration (90 percent reduction) (30 day rolling average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain and operate a continuous emissions monitoring system (CEMS) and record the output of the system, for measuring SO₂ emissions and oxygen (O₂) or carbon dioxide (CO₂). Performance evaluations under §60.13(c) and calibration checks under §60.13(d) shall use the procedures in paragraph (c).</p> <p>In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, CEMS monitoring data shall be converted into units of the applicable standard using the procedures in paragraph (e) and (f). Excess emission and monitoring system reports shall be submitted semiannually as specified in paragraph (g) and defined in paragraph (g)(2).</p>
03.9	B03 CD- SCRUBBER3	SO ₂ (Standard 1)	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section III - Sulfur Dioxide Emissions, the maximum allowable discharge of SO₂ resulting from fuel burning sources is 2.3 lb/MMBTU heat input (24 hour average).</p> <p>State Only: No</p> <p>Testing: None Required. Compliance measurements will be determined by the SO₂ CEMS.</p> <p>Monitoring/Record Keeping/Reporting/Other: Reports demonstrating compliance with the sulfur dioxide limits shall be submitted quarterly.</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
03.10	B03 CD-SCR3	NO _x (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, a selective catalytic reduction (SCR) system for the Unit 3 boiler shall be operated continuously so as to maximize NO_x emission reductions. NO_x emissions shall be limited to 0.120 lb/MMBTU (30-day rolling average).</p> <p>NO_x emissions from the Unit 3 boiler, combined with emissions from Units 1, 2, and 4 and Cross Units 1-4, Grainger Units 1-2, and Jefferies Units 3-4, shall be limited to 0.150 lb/MMBTU (12-month rolling average) and 20,000 tons (12-month rolling sum).</p> <p>The owner/operator shall not use NO_x allowances or credits to comply with these system-wide limitations.</p> <p>The owner/operator shall continuously operate the SCR at all times that the Unit 3 boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for the SCR. The owner/operator need not operate an SCR system during periods of malfunction of the SCR, provided owner/operator satisfies the notice requirements.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall calibrate, certify, maintain, and operate CEMS, and record the system outputs, for measuring NO_x and either O₂ or CO₂. The owner/operator shall calibrate, certify, maintain, and operate the CEMS in accordance with the reference methods specified in 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit semi-annual reports of the unit specific thirty day rolling average emission rates, unit specific thirty day rolling average removal efficiencies, system wide 12 month rolling average emission rates and system wide 12 month rolling tonnage limitations as required in the Consent Decree. At such time the Consent Decree expires, the emissions data previously reported via the Consent Decree semi annual reports will be included with the semi-annual Title V reporting..</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
03.11	B03 CD-SCR3	NO _x (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.44 - Standard for Nitrogen Oxides, (e) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain nitrogen oxides (NO_x) in excess of:</p> <p>180 ng/J (1.4 lb/MWh) gross energy output; or 65 ng/J (0.15 lb/MMBtu) heat input (30 day rolling average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain and operate a continuous emissions monitoring system (CEMS) and record the output of the system, for measuring NO_x emissions and oxygen (O₂) or carbon dioxide (CO₂). Performance evaluations under §60.13(c) and calibration checks under §60.13(d) shall use the procedures in paragraph (c).</p> <p>In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, CEMS monitoring data shall be converted into units of the applicable standard using the procedures in paragraph (e) and (f). Excess emission and monitoring system reports shall be submitted quarterly as specified in paragraph (g) and defined in paragraph (g)(3).</p>
03.12	B03 CD-SCR3	NO _x (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 3 boiler nitrogen oxide (NO_x) emissions shall be controlled by the proper use of an SCR. NO_x emissions shall be limited to 0.7 lb/MMBTU (averaging period demonstrated below).</p> <p>State Only: No</p> <p>Testing: The owner/operator has chosen to comply with the 40 CFR 60, Subpart Da limits for NO_x and SO₂ as allowed per 40 CFR 60, Subpart D. Compliance with the limit above shall be demonstrated by complying with the limits outlined in 40 CFR 60.44(e).</p> <p>In determining Emission Rates for NO_x, the owner/operator shall use CEMS in accordance with those reference methods specified in 40 C.F.R. Part 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit quarterly reports of NO_x CEMS output.</p>
03.13	B03 CD-ESP3	Opacity (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.42 - Standard For Particulate Matter, (a) the owner/operator</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity except for one-six minute period per hour of not more than 27 percent opacity.</p> <p>In accordance with §60.11, 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.</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain, and operate a continuous opacity monitoring system (COMS), and record the output of the system, for measuring the opacity of emissions discharged to the atmosphere. The COMS shall meet the performance evaluation in accordance with Performance Specification 1.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, Excess emission and monitoring system reports shall be submitted semiannually as specified in paragraph (g) and defined in paragraph (g)(1).</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
03.14	B03 CD-ESP3	Opacity (Standard 1)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section I – Visible Emissions, any fuel combustion source constructed on or after February 11, 1971 shall not discharge into the ambient air smoke which exceeds an opacity of twenty (20). The twenty (20) percent opacity limit may be exceeded for sootblowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by sootblowing shall not exceed sixty (60) percent opacity.</p> <p>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.</p> <p>State Only: No</p> <p>Testing: The owner or operator shall operate and maintain continuous monitoring system(s) for the measurement of opacity. The monitor shall meet the performance specifications in S.C. Regulation 61-62.5, Standard No. 1, Section IV(D).</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown.</p> <p>The owner/operator shall maintain records and submit quarterly reports as listed in S.C. Regulation 61-62.5, Standard No. 1, Section IV.</p>
03.15	P69 CD-DC1	Opacity (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), emissions (including fugitive emissions) from sources where construction or modification began after December 31, 1985 shall each not exhibit an opacity greater than twenty (20) percent each.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall implement a schedule for monthly inspection and regular cleaning or replacement of filters. The owner/operator shall perform a visual inspection on each piece of equipment, while the equipment is operating, on a semi-annual basis.</p>

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PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - UNIT 3 / CBO PROCESS

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
			The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of inspection, maintenance, and visual inspection shall be maintained on site.
03.16	B03 CD-ESP3	Opacity (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 2 boiler opacity emissions shall not discharge into the ambient air smoke which exceeds an opacity of twenty (20). The twenty (20) percent opacity limit may be exceeded for sootblowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by sootblowing shall not exceed sixty (60) percent opacity.</p> <p>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.</p> <p>State Only: No</p> <p>Testing: In determining the opacity, the owner/operator shall use COMS in accordance with those reference methods specified in 40 C.F.R. Part 60.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown.</p> <p>The owner/operator shall maintain records and submit quarterly reports as specified in S.C. Regulation 61-62.5, Standard No. 1, Section IV.</p>

PART 5.C.04a - EQUIPMENT FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
B04	Boiler No. 4: 2,660 MMBTU/hr (nominal)	4/14/78; 2002	CD-ESP4 CD-SCR4 CD-SCRUBBER4 CD-DC1	S04 P69
P69	Fly Ash Silo	4/14/78; 2002	CD-DC1	P69

PART 5.C.04b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-ESP4	Electrostatic Precipitator	1978; 2007	PM, PM ₁₀ , PM _{2.5}
CD-SCRUBBER4	Spray Tower SO ₂ Scrubber Utilizing Wet Limestone (FGD)	1978; 1986	SO ₂

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PART 5.C.04b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
CD-SCR4	Selective Catalytic Reduction System	2005	NO _x
CD-DC1	Fly Ash Silo Bin Vent Dust Collector	2002	PM, PM ₁₀ , PM _{2.5}

PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
04.1	B04 CD-ESP4	PM (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 4 boiler particulate matter (PM) emissions shall be controlled by the proper use of an electrostatic precipitator (ESP). PM emissions shall be limited to 0.1 lb/MMBTU (3-hour block average as measured by Source Testing specified below).</p> <p>The limit is applicable at all periods of normal operation, including periods of soot-blowing.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate PM compliance with this emission limit through annual source tests in accordance with applicable testing requirements. PM source tests shall include operation during soot-blowing, where so equipped. PM source tests conducted for compliance with other requirements may be used to demonstrate compliance if conducted in the same manner, within the required timeframe.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel.</p>
04.2	B04 CD-ESP4	PM (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, the ESP for the Unit 4 boiler shall be operated continuously so as to maximize PM emission reductions. PM emissions shall be limited to 0.030 lb/MMBTU (3-hour block average as measured by Source Testing specified below).</p> <p>The owner/operator shall use good engineering practices for PM control at all times that the Unit 4 boiler is operating. The owner/operator need not commence operation of any ESP until the unit the ESP serves has continuously combusted any amount of coal for a period of three hours.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate compliance with this emission limit through annual particulate matter source tests conducted in accordance with applicable testing requirements.</p> <p>If an annual source test result is 0.015 lb/MMBTU or less, then subsequent source tests</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>may be conducted biennially. If a biennial source test result is greater than 0.015 lb/MMBTU, the source must revert to testing annually.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel</p> <p>The owner/operator shall continuously operate each PM control device to maximize PM emission reductions, consistent with the operational and maintenance limitations of the units. Specifically, the owner/operator shall, at a minimum: (a) energize each section of the ESP for each unit, regardless of whether that action is needed to comply with opacity limits; (b) maintain the energy or power levels delivered to the ESPs for each unit to achieve the greatest possible removal of PM; (c) make best efforts to expeditiously repair and return to service transformer-rectifier sets when they fail; and (d) inspect for, and schedule for repair, any openings in ESP casings and ductwork to minimize air leakage. The owner/operator shall also optimize the plate-cleaning and discharge-electrode-cleaning systems by varying the cycle time, cycle frequency, rapper-vibrator intensity, and number of strikes per cleaning event, of these systems to minimize PM emissions.</p>
04.3	B04 CD-ESP4	PM (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.42 - Standard For Particulate Matter, (a) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain particulate matter in excess of 43 nanograms per joule heat input (0.10 lb per 10⁶ Btu) heat input derived from fossil fuel (24 hour block average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel.</p>
04.4	B04 CD-ESP4	PM (Standard 1)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section II - Particulate Matter Emissions, the allowable discharge of particulate matter resulting from fuel burning operations is based on the input heat rate of each source. For sources operating below 1,300 MMBTU/hr heat input rate, the limit is 0.6 lb/MMBTU (3-hour block average as measured by Source Testing specified below). For sources operating equal to or above 1,300 MMBTU/hr heat input rate, the limit is expressed as a function of the input heat rate per the following equation: $E = 57.84 P^{-0.637}$</p> <p>where E = the allowable emission rate in pounds per MMBTU heat input (3-hour block average as measured by Source Testing specified below)</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions				
			<p>and P = MMBTU heat input per hour</p> <p>State Only: No</p> <p>Testing: The owner/operator shall demonstrate compliance through source testing. Testing shall be conducted semiannually each year during the first and third quarters or during the second and fourth quarters as determined by the established cycle, except for the following alternate schedule. If the source operates under 80 percent of its particulate limit as demonstrated by the three previous consecutive source tests, annual source testing in the same quarter as the previous test is allowed until a source test result greater than 80 percent returns the frequency to semiannual.</p> <p>If any applicable COMs data recorded in a quarter shows exceedances above the opacity standard, the Department may require the permittee to perform additional actions to demonstrate compliance with the particulate matter standard. Actions may include, but are not limited to, additional particulate matter source testing. Unless otherwise directed by the Department, an owner/operator shall conduct a minimum of one particulate matter source test during each Title V year.</p> <p>Particulate matter source testing is to be conducted in accordance with SC Regulation 61-62.1 Section IV.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of site specific source testing results at the facility in a permanent form suitable for inspection by Department personnel.</p>				
04.5	P69 CD-DC1	PM (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of the following equations:</p> <p>1) when process weight rates are less than or equal to 30 tons per hour:</p> $E = 4.10P^{0.67}$ <p style="text-align: center;">or</p> <p>2) when process weight rates are greater than 30 tons per hour</p> $E = 55.0P^{0.11} - 40$ <p>where E = the allowable emission rate in pounds per hour (3 hour block average) and P = process weight rate in tons per hour</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Process</th> <th style="text-align: center;">Equipment IDs</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Flyash Handling</td> <td style="text-align: center;">P69</td> </tr> </tbody> </table> <p>State Only: No</p>	Process	Equipment IDs	Flyash Handling	P69
Process	Equipment IDs						
Flyash Handling	P69						

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: Dust collectors shall be operational and in place at all times when equipment or processes controlled by collectors are operating.</p> <p>The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall implement a schedule for monthly inspection and regular cleaning or replacement of filters. The owner/operator shall perform a visual inspection on each piece of equipment, while the equipment is operating, on a semi-annual basis.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of inspection, maintenance, and visual inspection shall be maintained on site.</p>
04.6	B04 CD- SCRUBBER4	SO ₂ (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 4 boiler sulfur dioxide (SO₂) emissions shall be controlled by the proper use of a limestone scrubber. SO₂ emissions shall be limited to 0.52 lb/MMBTU (averaging period demonstrated below).</p> <p>State Only: No</p> <p>Testing: The owner/operator has chosen to comply with the 40 CFR 60, Subpart Da limits for NO_x and SO₂ as allowed per 40 CFR 60, Subpart D. Compliance with the limit above shall be demonstrated by compliance with the limit in 40 CFR 60.43(d).</p> <p>In determining Emission Rates for SO₂, the owner/operator shall use CEMS in accordance with those reference methods specified in 40 C.F.R. Part 75 or 40 C.F.R. Part 60.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit quarterly reports of SO₂ CEMS results.</p>
04.7	B04 CD- SCRUBBER4	SO ₂ (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, the FGD for the Unit 4 boiler shall be operated continuously so as to maximize SO₂ emission reductions. The FGD shall achieve an 90% or higher SO₂ removal efficiency (30-day rolling average).</p> <p>SO₂ emissions from the Unit 4 boiler, combined with emissions from Units 1-3 and Cross Units 1-4, Grainger Units 1-2, and Jefferies Units 3-4, shall be limited to 0.50 lb/MMBTU (12-month rolling average) and 65,000 tons (12-month rolling sum).</p> <p>The owner/operator shall not use SO₂ allowances or credits to comply with these system-wide limitations.</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>The owner/operator shall continuously operate the FGD at all times that the Unit 4 boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for the FGD. The owner/operator need not operate an FGD system during periods of malfunction of the FGD, provided the owner/operator satisfies the notice requirements.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall calibrate, certify, maintain, and operate CEMS, and record the system outputs, for measuring SO₂ and either O₂ or CO₂. The owner/operator shall calibrate, certify, maintain, and operate the CEMS in accordance with the applicable procedures in Performance Specification 2 and/or 3 in appendix B of §60 or according to the procedures in appendices A and B of 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit semi-annual reports of the unit specific thirty day rolling average emission rates, unit specific thirty day rolling average removal efficiencies, system wide 12 month rolling average emission rates and system wide 12 month rolling tonnage limitations as required in the Consent Decree. At such time the Consent Decree expires, the emissions data previously reported via the Consent Decree semi annual reports will be included with the semi-annual Title V reporting.</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
04.8	B04 CD- SCRUBBER4	SO ₂ (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.43 - Standard for Sulfur Dioxide, (d) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain sulfur dioxide (SO₂) in excess of:</p> <p>180 ng/J (1.4 lb/MWh) gross energy output; 65 nanograms per joule heat input (0.15 lb per 10⁶ Btu); or 10 percent of the potential combustion concentration (90 percent reduction) (30 day rolling average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain and operate a continuous emissions monitoring system (CEMS) and record the output of the system, for measuring SO₂ emissions and oxygen (O₂) or carbon dioxide (CO₂). Performance evaluations under §60.13(c) and calibration checks under §60.13(d) shall use the procedures in paragraph (c).</p> <p>In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, CEMS monitoring data shall be converted into units of the applicable standard using the procedures in paragraph (e) and (f). Excess emission and monitoring system reports shall be submitted semiannually as specified in paragraph (g) and defined in paragraph (g)(2).</p>
04.9	B04 CD- SCRUBBER4	SO ₂ (Standard 1)	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section III - Sulfur Dioxide Emissions, the maximum allowable discharge of SO₂ resulting from fuel burning sources is 2.3 lb/MMBTU heat input (24 hour average).</p> <p>State Only: No</p> <p>Testing: None Required. Compliance measurements will be determined by the SO₂ CEMS.</p> <p>Monitoring/Record Keeping/Reporting/Other: Reports demonstrating compliance with the sulfur dioxide limits shall be submitted quarterly.</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
04.10	B04 CD-SCR4	NO _x (Consent Decree)	<p>Limits/Standards: In accordance with the Consent Decree effective June 24, 2004, a selective catalytic reduction (SCR) system for the Unit 4 boiler shall be operated continuously so as to maximize NO_x emission reductions. NO_x emissions shall be limited to 0.120 lb/MMBTU (30-day rolling average).</p> <p>NO_x emissions from the Unit 4 boiler, combined with emissions from Units 1-3 and Cross Units 1-4, Grainger Units 1-2, and Jefferies Units 3-4, shall be limited to 0.150 lb/MMBTU (12-month rolling average) and 20,000 tons (12-month rolling sum).</p> <p>The owner/operator shall not use NO_x allowances or credits to comply with these system-wide limitations.</p> <p>The owner/operator shall continuously operate the SCR at all times that the Unit 4 boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for the SCR. The owner/operator need not operate an SCR system during periods of malfunction of the SCR, provided owner/operator satisfies the notice requirements.</p> <p>State Only: No</p> <p>Testing: The owner/operator shall calibrate, certify, maintain, and operate CEMS, and record the system outputs, for measuring NO_x and either O₂ or CO₂. The owner/operator shall calibrate, certify, maintain, and operate the CEMS in with the reference methods specified in 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit semi-annual reports of the unit specific thirty day rolling average emission rates, unit specific thirty day rolling average removal efficiencies, system wide 12 month rolling average emission rates and system wide 12 month rolling tonnage limitations as required in the Consent Decree. At such time the Consent Decree expires, the emissions data previously reported via the Consent Decree semi annual reports will be included with the semi-annual Title V reporting.</p>
04.11	B04 CD-SCR4	NO _x (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.44 - Standard for Nitrogen Oxides, (e) the owner/operator shall not cause to be discharged into the atmosphere any gases that contain nitrogen oxides (NO_x) in excess of:</p> <p>180 ng/J (1.4 lb/MWh) gross energy output; or 65 ng/J (0.15 lb/MMBtu) heat input (30 day rolling average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain and operate a continuous emissions monitoring system</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>(CEMS) and record the output of the system, for measuring NO_x emissions and oxygen (O₂) or carbon dioxide (CO₂). Performance evaluations under §60.13(c) and calibration checks under §60.13(d) shall use the procedures in paragraph (c).</p> <p>In accordance with §60.46 - Test Methods and Procedures, compliance with performance tests required in §60.8 shall be determined as listed in paragraphs (b), (c), and (d) of §60.46, except as provided in §60.8(b).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, CEMS monitoring data shall be converted into units of the applicable standard using the procedures in paragraph (e) and (f). Excess emission and monitoring system reports shall be submitted quarterly as specified in paragraph (g) and defined in paragraph (g)(3).</p>
04.12	B04 CD-SCR4	NO _x (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 4 boiler nitrogen oxide (NO_x) emissions shall be controlled by the proper use of an SCR. NO_x emissions shall be limited to 0.7 lb/MMBTU (averaging period demonstrated below).</p> <p>State Only: No</p> <p>Testing: The owner/operator has chosen to comply with the 40 CFR 60, Subpart Da limits for NO_x and SO₂ as allowed per 40 CFR 60, Subpart D. Compliance with the limit above shall be demonstrated by complying with the limits outlined in 40 CFR 60.44(e).</p> <p>In determining Emission Rates for NO_x, the owner/operator shall use CEMS in accordance with those reference methods specified in 40 C.F.R. Part 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit quarterly reports of NO_x CEMS output.</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
04.13	B04 CD-ESP4	Opacity (NSPS Subpart D)	<p>Limits/Standards: In accordance with NSPS, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, §60.42 - Standard For Particulate Matter, (a) the owner/operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity except for one-six minute period per hour of not more than 27 percent opacity.</p> <p>In accordance with §60.11, 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.</p> <p>State Only: No</p> <p>Testing: In accordance with §60.45 – Emission and Fuel Monitoring, (a) the owner/operator shall calibrate, maintain, and operate a continuous opacity monitoring system (COMS), and record the output of the system, for measuring the opacity of emissions discharged to the atmosphere. The COMS shall meet the performance evaluation in accordance with Performance Specification 1.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.45 – Emission and Fuel Monitoring, Excess emission and monitoring system reports shall be submitted semiannually as specified in paragraph (g) and defined in paragraph (g)(1).</p>
04.14	B04 CD-ESP4	Opacity (Standard 1)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section I – Visible Emissions, any fuel combustion source constructed on or after February 11, 1971 shall not discharge into the ambient air smoke which exceeds an opacity of twenty (20). The twenty (20) percent opacity limit may be exceeded for sootblowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by sootblowing shall not exceed sixty (60) percent opacity.</p> <p>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.</p> <p>State Only: No</p> <p>Testing: The owner or operator shall operate and maintain continuous monitoring system(s) for the measurement of opacity. The monitor shall meet the performance specifications in S.C. Regulation 61-62.5, Standard No. 1, Section IV(D).</p> <p>Monitoring/Record Keeping/Reporting/Other:</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown.</p> <p>The owner/operator shall maintain records and submit quarterly reports as listed in S.C. Regulation 61-62.5, Standard No. 1, Section IV.</p>
04.15	P69 CD-DC1	Opacity (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), emissions (including fugitive emissions) from sources where construction or modification began after December 31, 1985 shall each not exhibit an opacity greater than twenty (20) percent each.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall implement a schedule for monthly inspection and regular cleaning or replacement of filters. The owner/operator shall perform a visual inspection on each piece of equipment, while the equipment is operating, on a semi-annual basis.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of inspection, maintenance, and visual inspection shall be maintained on site.</p>
04.16	B04 CD-ESP4	Opacity (Standard 7)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 7 – Prevention of Significant Deterioration (PSD), the Unit 2 boiler opacity emissions shall not discharge into the ambient air smoke which exceeds an opacity of twenty (20). The twenty (20) percent opacity limit may be exceeded for sootblowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by sootblowing shall not exceed sixty (60) percent opacity.</p> <p>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.</p> <p>State Only: No</p> <p>Testing: In determining the opacity, the owner/operator shall use COMS in accordance with those reference methods specified in 40 C.F.R. Part 60.</p>

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PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - UNIT 4 / CBO PROCESS

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
			<p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown.</p> <p>The owner/operator shall maintain records and submit quarterly reports as specified in S.C. Regulation 61-62.5, Standard No. 1, Section IV.</p>

PART 5.C.05a - EQUIPMENT FOR EMISSION UNIT ID 05 - COAL UNLOADING SYSTEM

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
P01	Rail Car Shaker	1971	N/A	P01 (fugitive)
P02	Rail Car Underground Hoppers (3 units)	1971	N/A	P02 (fugitive)
P03	Rail Conveyor A-1	1971	N/A	P03 (fugitive)
P04	Transfer Tower 1 Feed Conveyor B-1	1971; 1981	N/A	P04 (fugitive)
P05	Stockpile Feed Conveyor B-2	1971	N/A	P05 (fugitive)
P06	Stockpile Feed Conveyor B-3	1975	N/A	P06 (fugitive)
P07	Stockpile Feed Conveyor B-4	1978	N/A	P07 (fugitive)
X01	Transfer Tower 1	1971; 1980	N/A	X01 (fugitive)
F01	Coal Stockpile	1971	N/A	F01 (fugitive)
F08	Coal Stockpile Bulldozers (3 units)	1971	N/A	F08 (fugitive)

PART 5.C.05b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 05 - COAL UNLOADING SYSTEM

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

PART 5.C.05c - CONDITIONS FOR EMISSION UNIT ID 05 - COAL UNLOADING SYSTEM

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
05.1	All Sources	PM (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of the following equations:</p> <p>1) when process weight rates are less than or equal to 30 tons per hour: $E = 4.10P^{0.67}$ or</p> <p>2) when process weight rates are greater than 30 tons per hour $E = 55.0P^{0.11} - 40$</p> <p>where E = the allowable emission rate in pounds per hour (3 hour block average)</p>

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PART 5.C.05c - CONDITIONS FOR EMISSION UNIT ID 05 - COAL UNLOADING SYSTEM

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions				
			<p>and P = process weight rate in tons per hour</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Process</th> <th style="text-align: center;">Equipment IDs</th> </tr> </thead> <tbody> <tr> <td>Coal Unloading System</td> <td>P01, P02, P03, P04, P05, P06, P07, X01, F01, F08</td> </tr> </tbody> </table> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the coal unloading system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>	Process	Equipment IDs	Coal Unloading System	P01, P02, P03, P04, P05, P06, P07, X01, F01, F08
Process	Equipment IDs						
Coal Unloading System	P01, P02, P03, P04, P05, P06, P07, X01, F01, F08						
05.2	All Sources	Opacity (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), emissions (including fugitive emissions) from sources where construction or modification began on or before December 31, 1985 shall each not exhibit an opacity greater than forty (40) percent, each.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the coal unloading system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>				

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PART 5.C.06a - EQUIPMENT FOR EMISSION UNIT ID 06 - COAL HANDLING SYSTEM #1

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
P10	Crusher Feed Conveyor C-1	1971	N/A	P10 (fugitive)
P11	Crusher Feed Conveyor C-2	1971	N/A	P11 (fugitive)
P12	Crusher A for Unit 1	1971	CD-CDC1	P12
P13	Crusher B for Unit 1	1971	CD-CDC1	P13
P14	Transfer Tower 2 Feed Conveyor D-1	1971	N/A	P14 (fugitive)
P15	Transfer Tower 2 Feed Conveyor D-2	1971	N/A	P15 (fugitive)
P16	Silo Feed Conveyor E-1	1971	N/A	P16 (fugitive)
P17	Coal Silo for Unit 1 (6 units)	1971	N/A	P17 (fugitive)
P19	Cross Conveyor E-2	1975	N/A	P19 (fugitive)
P20	Crusher Feed Conveyor C-3	1975	N/A	P20 (fugitive)
P21	Crusher for Unit 2	1975	CD-CDC2	P21
P22	Transfer Tower 3 Feed Conveyor D-3	1975	N/A	P22 (fugitive)
P23	Silo Feed Conveyor E-3	1975	N/A	P23 (fugitive)
P24	Coal Silos for Unit 2 (8 units)	1975	N/A	P24 (fugitive)
X02	Transfer Tower 2	1971	N/A	X02 (fugitive)
X03	Transfer Tower 3	1975	N/A	X03 (fugitive)

PART 5.C.06b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 06 - COAL HANDLING SYSTEM #1

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
CD-CDC1	Dust Collector for Coal Crushers for Unit 1	2009	PM, PM ₁₀ , PM _{2.5}
CD-CDC2	Dust Collector for Coal Crusher for Unit 2	2009	PM, PM ₁₀ , PM _{2.5}

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PART 5.C.06c - CONDITIONS FOR EMISSION UNIT ID 06 - COAL HANDLING SYSTEM #1

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions				
06.1	All Sources	PM (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of the following equations:</p> <p>1) when process weight rates are less than or equal to 30 tons per hour:</p> $E = 4.10P^{0.67}$ <p style="text-align: center;">or</p> <p>2) when process weight rates are greater than 30 tons per hour</p> $E = 55.0P^{0.11} - 40$ <p>where E = the allowable emission rate in pounds per hour (3 hour block average) and P = process weight rate in tons per hour</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Process</th> <th style="text-align: left;">Equipment IDs</th> </tr> </thead> <tbody> <tr> <td>Coal Handling System #1</td> <td>P10, P11, P12, P13, P14, P15, P16, P17, P19, P20, P21, P22, P23, P24, X02, X03</td> </tr> </tbody> </table> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the coal handling system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>	Process	Equipment IDs	Coal Handling System #1	P10, P11, P12, P13, P14, P15, P16, P17, P19, P20, P21, P22, P23, P24, X02, X03
Process	Equipment IDs						
Coal Handling System #1	P10, P11, P12, P13, P14, P15, P16, P17, P19, P20, P21, P22, P23, P24, X02, X03						

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PART 5.C.06c - CONDITIONS FOR EMISSION UNIT ID 06 - COAL HANDLING SYSTEM #1

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
06.2	P12 P13 P21 CD-CDC1 CD-CDC2	PM (NSPS Subpart Y)	<p>Limits/Standards: In accordance with NSPS 60, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, §60.254 - Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles, (b)(2) the owner/operator shall not cause to be discharged into the atmosphere from any mechanical vent gases which contain particulate matter in excess of 0.023 g/dscm (0.010 grains per dry standard cubic foot) of air (per source test).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, the owner/operator shall conduct any performance tests required by §60.8 using the methods specified in §60.257 - Test Methods and Procedures.</p> <p>After the initial performance test, continual performance tests shall be conducted according to the requirements in §60.255 (b)(1), except as provide in §60.255 (c), (d) and (e).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.256 - Continuous Monitoring Requirements, the owner/operator of each affected facility, that has one or more mechanical vents must install, calibrate, maintain, and continuously operate the monitoring devices specified in paragraphs (b)(1) through (3), as applicable to the mechanical vent and any control device installed on the vent.</p> <p>In accordance with §60.258 - Reporting and Recordkeeping, the owner/operator shall maintain an on-site logbook that records the items specified in paragraph (a) as applicable.</p>
06.3	P19-P24 X03	Opacity (NSPS Subpart Y)	<p>Limits/Standards: In accordance with NSPS 60, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, §60.254 - Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles, (a) the owner or operator shall not cause to be discharged into the atmosphere any gases which exhibit twenty (20) percent opacity or greater (6-minute average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, the owner/operator shall conduct any performance tests required by §60.8 using the methods specified in §60.257 - Test Methods and Procedures.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a semi-annual basis.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual</p>

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PART 5.C.06c - CONDITIONS FOR EMISSION UNIT ID 06 - COAL HANDLING SYSTEM #1

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the reporting period, the report shall so state.
06.4	P12 P13 P21 CD-CDC1 CD-CDC2	Opacity (NSPS Subpart Y)	<p>Limits/Standards: In accordance with NSPS, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, §60.254 - Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles, (b)(1) the owner or operator shall not cause to be discharged into the atmosphere any gases which exhibit ten (10) percent opacity or greater (6-minute average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, the owner/operator shall conduct any performance tests required by §60.8 using the methods specified in §60.257 - Test Methods and Procedures.</p> <p>After the initial performance test, continual performance tests shall be conducted according to the requirements in §60.255 (b)(2), except as provide in §60.255 (c), (f) and (g).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, if the owner/operator elects to comply with paragraph (f) in lieu of the (b)(2), they shall comply with the monitoring, recordkeeping, and reporting requirements of either paragraph (f)(1) or (f)(2).</p> <p>In accordance with §60.256 – Continuous Monitoring Requirements, the owner or operator of each affected facility that has one or more mechanical vents must install, calibrate, maintain, and continuously operate the monitoring devices specified in paragraphs (b)(1) through (3), as applicable to the mechanical vent and any control device installed on the vent.</p> <p>In accordance with §60.258 - Reporting and Recordkeeping, the owner/operator shall maintain a logbook that records the items specified in paragraphs (a) as applicable.</p>

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PART 5.C.06c - CONDITIONS FOR EMISSION UNIT ID 06 - COAL HANDLING SYSTEM #1

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
06.5	All Sources	Opacity (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), emissions (including fugitive emissions) from sources where construction or modification began on or before December 31, 1985 shall each not exhibit an opacity greater than forty (40) percent, each.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the coal handling system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>

PART 5.C.07a - EQUIPMENT FOR EMISSION UNIT ID 07 - COAL HANDLING SYSTEM #2

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
P30	Crusher Feed Conveyor C-4	1978	N/A	P30 (fugitive)
P31	Crusher for Unit 3	1978	CD-CDC3	P31 (fugitive)
P32	Transfer Tower 4 Feed Conveyor	1978	N/A	P32 (fugitive)
P33	Silo Feed Conveyor E-4	1978	N/A	P33 (fugitive)
P34	Coal Silos for Unit 3 (8 units)	1978	N/A	P34 (fugitive)
P40	Crusher Feed Conveyor C-5	1978	N/A	P40 (fugitive)
P41	Crusher for Unit 4	1978	CD-CDC3	P41 (fugitive)
P42	Transfer Tower 4 Feed Conveyor D-5	1978	N/A	P42 (fugitive)
P43	Silo Feed Conveyor E-5	1978	N/A	P43 (fugitive)
P44	Coal Silos for Unit 4 (8 units)	1978	N/A	P44 (fugitive)
X04	Transfer Tower 4	1978	N/A	X04 (fugitive)

PART 5.C.07b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 07 - COAL HANDLING SYSTEM #2

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-CDC3	Dust Collector For Coal Crusher For Units 3 and 4	2009	PM, PM ₁₀ , PM _{2.5}

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PART 5.C.07c - CONDITIONS FOR EMISSION UNIT ID 07 - COAL HANDLING SYSTEM #2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions				
07.1	All Sources	PM (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of the following equations:</p> <p>1) when process weight rates are less than or equal to 30 tons per hour: $E = 4.10P^{0.67}$ or</p> <p>2) when process weight rates are greater than 30 tons per hour $E = 55.0P^{0.11} - 40$ where E = the allowable emission rate in pounds per hour (3 hour block average) and P = process weight rate in tons per hour</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" data-bbox="581 972 1516 1066"> <thead> <tr> <th data-bbox="581 972 881 1003">Process</th> <th data-bbox="881 972 1516 1003">Equipment IDs</th> </tr> </thead> <tbody> <tr> <td data-bbox="581 1003 881 1066">Coal Handling System #2</td> <td data-bbox="881 1003 1516 1066">P30, P31, P32, P33, P34, P40, P41, P42, P43, P44, X04</td> </tr> </tbody> </table> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the coal handling system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>	Process	Equipment IDs	Coal Handling System #2	P30, P31, P32, P33, P34, P40, P41, P42, P43, P44, X04
Process	Equipment IDs						
Coal Handling System #2	P30, P31, P32, P33, P34, P40, P41, P42, P43, P44, X04						
07.2	P31 P41 CD-CDC3	PM (NSPS Subpart Y)	<p>Limits/Standards: In accordance with NSPS 60, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, §60.254 - Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles, (b)(2) the owner/operator shall not cause to be discharged into the atmosphere from any mechanical vent gases which contain particulate matter in excess of 0.023 g/dscm (0.010 grains per dry standard cubic foot) of air (per source test).</p> <p>State Only: No</p>				

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PART 5.C.07c - CONDITIONS FOR EMISSION UNIT ID 07 - COAL HANDLING SYSTEM #2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>Testing: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, the owner/operator shall conduct any performance tests required by §60.8 using the methods specified in §60.257 - Test Methods and Procedures.</p> <p>After the initial performance test, continual performance tests shall be conducted according to the requirements in §60.255 (b)(1), except as provide in §60.255 (c), (d) and (e).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.256 - Continuous Monitoring Requirements, the owner/operator of each affected facility, that has one or more mechanical vents must install, calibrate, maintain, and continuously operate the monitoring devices specified in paragraphs (b)(1) through (3), as applicable to the mechanical vent and any control device installed on the vent.</p> <p>In accordance with §60.258 - Reporting and Recordkeeping, the owner/operator shall maintain an on-site logbook that records the items specified in paragraph (a) as applicable.</p>
07.3	P30 P32-P34 P40 P42-P44 X04	Opacity (NSPS Subpart Y)	<p>Limits/Standards: In accordance with NSPS 60, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, §60.254 - Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles, (a) the owner or operator shall not cause to be discharged into the atmosphere any gases which exhibit twenty (20) percent opacity or greater (6-minute average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, the owner/operator shall conduct any performance tests required by §60.8 using the methods specified in §60.257 - Test Methods and Procedures.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a semi-annual basis.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the reporting period, the report shall so state.</p>

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PART 5.C.07c - CONDITIONS FOR EMISSION UNIT ID 07 - COAL HANDLING SYSTEM #2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
07.4	P31 P41 CD-CDC3	Opacity (NSPS Subpart Y)	<p>Limits/Standards: In accordance with NSPS, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, §60.254 - Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles, (b)(1) the owner or operator shall not cause to be discharged into the atmosphere any gases which exhibit ten (10) percent opacity or greater (6-minute average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, the owner/operator shall conduct any performance tests required by §60.8 using the methods specified in §60.257 - Test Methods and Procedures.</p> <p>After the initial performance test, continual performance tests shall be conducted according to the requirements in §60.255 (b)(2), except as provide in §60.255(c), (f) and (g).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, if the owner/operator elects to comply with paragraph (f) in lieu of the (b)(2), they shall comply with the monitoring, recordkeeping, and reporting requirements of either paragraph (f)(1) or (f)(2).</p> <p>In accordance with §60.256 – Continuous Monitoring Requirements, the owner or operator of each affected facility that has one or more mechanical vents must install, calibrate, maintain, and continuously operate the monitoring devices specified in paragraphs (b)(1) through (3), as applicable to the mechanical vent and any control device installed on the vent.</p> <p>In accordance with §60.258 - Reporting and Recordkeeping, the owner/operator shall maintain a logbook that records the items specified in paragraphs (a) as applicable.</p>
07.5	All Sources	Opacity (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), emissions (including fugitive emissions) from sources where construction or modification began on or before December 31, 1985 shall each not exhibit an opacity greater than forty (40) percent, each.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the coal handling system is in operation.</p>

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PART 5.C.07c - CONDITIONS FOR EMISSION UNIT ID 07 - COAL HANDLING SYSTEM #2

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.

PART 5.C.09a - EQUIPMENT FOR EMISSION UNIT ID 09 - SYNFUEL SYSTEM

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
F71	Synfuel Hopper Loaders	2001	N/A	N/A
P77	Synfuel Hoppers	2001	N/A	N/A
P78	Synfuel Hopper Conveyors	2001	N/A	N/A
F72	Synfuel Dozer Loader	2001	N/A	N/A
P79	Synfuel Dozer Trap	2001	N/A	N/A
P80	Synfuel Reclaim Conveyor	2001	N/A	N/A
P81	Synfuel Crusher	2001	N/A	N/A
P82	Synfuel Pugmill Feed Conveyor	2001	N/A	N/A
F73	Synfuel Stockpile	2001	N/A	N/A

PART 5.C.09b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 09 - SYNFUEL SYSTEM

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

PART 5.C.09c - CONDITIONS FOR EMISSION UNIT ID 09 - SYNFUEL SYSTEM

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
09.1	All	Inactive	The synfuel system equipment is inactive but will remain on-site for possible future usage. Prior to utilizing the equipment, the owner/operator must address construction permitting requirements.

PART 5.C.10a - EQUIPMENT FOR EMISSION UNIT ID 10 - LIMESTONE HANDLING SYSTEM

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
L1	125 tons/hr Uncrushed Limestone Hopper Loading	2007	N/A	Fugitive
L2	125 tons/hr Limestone Conveyor LH-1 drop to LH-2	2007	CD-Dust Collector L2	L2
L4	125 tons/hr Crushed Limestone Hopper Loading	2007	N/A	Fugitive
L5	125 tons/hr Limestone Conveyor LH-3A drop	2007	CD-Dust Collector L5	L5
L6	125 tons/hr Limestone Conveyor LH-3B drop	2007	CD-Dust Collector L6	L6
L7	125 tons/hr Limestone Crusher House Central DC Vent	2007	CD-Dust Collector L7	L7

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PART 5.C.10a - EQUIPMENT FOR EMISSION UNIT ID 10 - LIMESTONE HANDLING SYSTEM

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
L8	55 tons/hr Limestone Silo #1 Drop to Weigh Feeder	2007	N/A	L8T
L9	55 tons/hr Limestone Weigh Feeder #1 Drop to Ball Mill	2007	N/A	L9T
L10	55 tons/hr Limestone Silo #2 Drop to Weigh Feeder	2007	N/A	L10T
L11	55 tons/hr Limestone Weigh Feeder #2 Drop to Ball Mill	2007	N/A	L11T
L12	1 lb/hr Limestone Central DC to Conveyor LH3A	2007	N/A	Fugitive
L13	1 lb/hr Limestone Central DC to Conveyor LH3B	2007	N/A	Fugitive
L16	125 tons/hr Limestone Truck Unloading	2007	N/A	Fugitive
L17	125 tons/hr (22,000 tons) Limestone Storage Piles	2007	N/A	Fugitive
L18	Platform Conveyor Drop to Conveyor LH-1	2007	CD-Dust Collector L18	L18
L19	Conveyor LH-2A or 2B Drop to Conveyor LH-3A, 3B, Silo #2	2007	CD-Dust Collector L19A, CD-Dust Collector L19B	L19A L19B

PART 5.C.10b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 10 - LIMESTONE HANDLING SYSTEM

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-Dust Collector L2	Limestone Conveyor LH-1 to LH-2 Dust Collector	2007	PM, PM ₁₀ , PM _{2.5}
CD-Dust Collector L5	Limestone Conveyor LH-3A Drop Dust Collector	2007	PM, PM ₁₀ , PM _{2.5}
CD-Dust Collector L6	Limestone Conveyor LH-3B Drop Dust Collector	2007	PM, PM ₁₀ , PM _{2.5}
CD-Dust Collector L7	Limestone Crusher House Central DC Vent Dust Collector	2007	PM, PM ₁₀ , PM _{2.5}
CD-Dust Collector L18	Limestone Platform Conveyor Drop Dust Collector	2007	PM, PM ₁₀ , PM _{2.5}
CD-Dust Collector L19A	Limestone Conveyor LH-2A Drop Dust Collector	2007	PM, PM ₁₀ , PM _{2.5}
CD-Dust Collector L19B	Limestone Conveyor LH-2B Drop Dust Collector	2007	PM, PM ₁₀ , PM _{2.5}

PART 5.C.10c - CONDITIONS FOR EMISSION UNIT ID 10 - LIMESTONE HANDLING SYSTEM

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
10.1	All Sources	PM (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of the following equations:</p> <p>1) when process weight rates are less than or equal to 30 tons per hour:</p> $E = 4.10P^{0.67}$ <p align="center">or</p> <p>2) when process weight rates are greater than 30 tons per hour</p> $E = 55.0P^{0.11} - 40$ <p>where E = the allowable emission rate in pounds per hour (3 hour block average) and P = process weight rate in tons per hour</p>

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PART 5.C.10c - CONDITIONS FOR EMISSION UNIT ID 10 - LIMESTONE HANDLING SYSTEM

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions						
			<p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Process</th> <th style="text-align: center;">Equipment IDs</th> </tr> </thead> <tbody> <tr> <td>Limestone Unloading</td> <td>L1-L2, L4-L7, L16-L19</td> </tr> <tr> <td>Limestone Feeding</td> <td>L8-L11</td> </tr> </tbody> </table> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the limestone handling system is in operation.</p> <p>Dust collectors shall be operational and in place at all times when equipment or processes controlled by collectors are operating. A schedule shall be implemented for monthly inspection and regular cleaning or replacement of filters. Records of these events shall be entered in a permanent media and maintained on site for a period of at least five (5) years from the date of record and made available to Department representatives upon request.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>	Process	Equipment IDs	Limestone Unloading	L1-L2, L4-L7, L16-L19	Limestone Feeding	L8-L11
Process	Equipment IDs								
Limestone Unloading	L1-L2, L4-L7, L16-L19								
Limestone Feeding	L8-L11								
10.2	L2 L5-L7 L18-L19 CD-Dust Collector L2 CD-Dust Collector L5-L7 CD-Dust Collector L18 CD-Dust Collector L19A-19B	PM (NSPS Subpart OOO)	<p>Limits/Standards: In accordance with NSPS, Subpart OOO - Standards Of Performance For Nonmetallic Mineral Processing Plants, §60.672 - Standards For Particulate Matter, (a) the owner/operator shall not cause to be discharged into atmosphere from any transfer point or belt conveyor stack emissions which contain particulate matter in excess of 0.05 grams per dry standard cubic meter (0.022 grains per dry standard cubic foot) (per source test).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.675 - Test Methods and Procedures, the owner/operator shall conduct performance tests required by §60.8 using the methods specified in paragraphs (a), (b), (c), (d), (e), (f), and (g), and as approved by the Department.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.676 - Reporting and Recordkeeping, the owner/operator shall submit written reports of the results of all performance tests conducted to demonstrate compliance with this Subpart.</p>						

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PART 5.C.10c - CONDITIONS FOR EMISSION UNIT ID 10 - LIMESTONE HANDLING SYSTEM

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
10.3	All Sources	Opacity (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), emissions (including fugitive emissions) from sources where construction or modification began after December 31, 1985 shall each not exhibit an opacity greater than twenty (20) percent, each.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the limestone handling system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>
10.4	L2 L5-L7 L18-L19 CD-Dust Collector L2 CD-Dust Collector L5-L7 CD-Dust Collector L18 CD-Dust Collector L19A-19B	Opacity (NSPS Subpart OOO)	<p>Limits/Standards: In accordance with NSPS, Subpart OOO - Standards Of Performance For Nonmetallic Mineral Processing Plants, §60.672 - Standards For Particulate Matter, (a) the owner/operator shall not cause to be discharged into atmosphere from any transfer point or belt conveyor stack emissions which exhibit an opacity in excess of seven (7) percent (6-minute average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.675 - Test Methods and Procedures, the owner/operator shall conduct performance tests required by §60.8 using the methods specified in paragraphs (a), (b), (c), (d), (e), (f), and (g), and as approved by the Department.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.676 - Reporting and Recordkeeping, the owner/operator shall submit written reports of the results of all performance tests conducted to demonstrate compliance with this Subpart.</p>
10.5	L1 L4 L8-L13 L16-L17	Opacity (NSPS Subpart OOO)	<p>Limits/Standards: In accordance with NSPS, Subpart OOO - Standards Of Performance For Nonmetallic Mineral Processing Plants, §60.672 - Standards For Particulate Matter, (a) the owner/operator shall not cause to be discharged into atmosphere from any transfer point or belt conveyor fugitive emissions which exhibit an opacity in excess of ten (10) percent (6-minute average).</p> <p>State Only: No</p> <p>Testing:</p>

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PART 5.C.10c - CONDITIONS FOR EMISSION UNIT ID 10 - LIMESTONE HANDLING SYSTEM

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			<p>In accordance with §60.675 - Test Methods and Procedures, the owner/operator shall conduct performance tests required by §60.8 using the methods specified in paragraphs (a), (b), (c), (d), (e), (f), and (g), and as approved by the Department.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.676 - Reporting and Recordkeeping, the owner/operator shall submit written reports of the results of all performance tests conducted to demonstrate compliance with this Subpart.</p>

PART 5.C.11a - EQUIPMENT FOR EMISSION UNIT ID 11 - GYPSUM HANDLING SYSTEM

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
G1	110 tons/hr Gypsum Conveyor Transfer Point 1	2007	N/A	G1T
G2	110 tons/hr Gypsum Conveyor Transfer Point 2	2007	N/A	G2T
G3	110 tons/hr Gypsum Conveyor Transfer Point 3	2007	N/A	G3T
G4	110 tons/hr Gypsum Conveyor Alt. Transfer Point 1	2007	N/A	G4T
G5	110 tons/hr Gypsum Conveyor Alt. Transfer Point 2	2007	N/A	G5T
G6	110 tons/hr Gypsum Conveyor Alt. Loadout	2007	N/A	G6T

PART 5.C.11b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 11 - GYPSUM HANDLING SYSTEM

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
N/A	N/A	N/A	N/A

PART 5.C.11c - CONDITIONS FOR EMISSION UNIT ID 11 - GYPSUM HANDLING SYSTEM

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
11.1	All Sources	PM (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of the following equations:</p> <p>1) when process weight rates are less than or equal to 30 tons per hour: $E = 4.10P^{0.67}$ or</p> <p>2) when process weight rates are greater than 30 tons per hour $E = 55.0P^{0.11} - 40$</p> <p>where E = the allowable emission rate in pounds per hour (3 hour block average) and P = process weight rate in tons per hour</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p>

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PART 5.C.11c - CONDITIONS FOR EMISSION UNIT ID 11 - GYPSUM HANDLING SYSTEM

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions				
			<table border="1" style="width: 100%;"> <tr> <th style="text-align: left;">Process</th> <th style="text-align: left;">Equipment IDs</th> </tr> <tr> <td>Gypsum Handling System</td> <td>G1, G2, G3, G4, G5, G6</td> </tr> </table> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the gypsum handling system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>	Process	Equipment IDs	Gypsum Handling System	G1, G2, G3, G4, G5, G6
Process	Equipment IDs						
Gypsum Handling System	G1, G2, G3, G4, G5, G6						
11.2	All Sources	Opacity (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), emissions (including fugitive emissions) from sources where construction or modification began after December 31, 1985 shall each not exhibit an opacity greater than twenty (20) percent.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the gypsum handling system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>				

PART 5.C.12a - EQUIPMENT FOR EMISSION UNIT ID 12 - CHEM-MOD SYSTEM

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
Silo 1	S-Sorb Silo for Units 01 and 02	2009	CD-BVS1	BV1S
Silo 2	S-Sorb Silo for Units 03 and 04	2009	CD-BVS2	BV1S
DB1	Day Bin 1 (Unit 01)	2009	CD-BV1	BV1

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PART 5.C.12a - EQUIPMENT FOR EMISSION UNIT ID 12 - CHEM-MOD SYSTEM

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
DB2	Day Bin 2 (Unit 01)	2009	CD-BV2	BV2
DB3	Day Bin 3 (Unit 02)	2009	CD-BV3	BV3
DB4	Day Bin 4 (Unit 03)	2009	CD-BV4	BV4
DB5	Day Bin 5 (Unit 04)	2009	CD-BV5	BV5
Pug Mills	(3) Pug Mills	2009	N/A	N/A

PART 5.C.12b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 12 - CHEM-MOD SYSTEM

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-BVS1	Bin Vent Filter for S-Sorb Silo 1	2009	PM, PM ₁₀ , PM _{2.5}
CD-BVS2	Bin Vent Filter for S-Sorb Silo 2	2009	PM, PM ₁₀ , PM _{2.5}
CD-BV1	Bin Vent Filter for Day Bin 1	2009	PM, PM ₁₀ , PM _{2.5}
CD-BV2	Bin Vent Filter for Day Bin 2	2009	PM, PM ₁₀ , PM _{2.5}
CD-BV3	Bin Vent Filter for Day Bin 3	2009	PM, PM ₁₀ , PM _{2.5}
CD-BV4	Bin Vent Filter for Day Bin 4	2009	PM, PM ₁₀ , PM _{2.5}
CD-BV5	Bin Vent Filter for Day Bin 5	2009	PM, PM ₁₀ , PM _{2.5}

PART 5.C.12c - CONDITIONS FOR EMISSION UNIT ID 12 - CHEM-MOD SYSTEM

Condition Number	Equipment/Control Device ID	Regulated Pollutant/Standard	Conditions
12.1	Pugmills	PM (NSPS Subpart Y)	<p>Limits/Standards: In accordance with NSPS 60, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, §60.254 - Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles, (b)(2) the owner/operator shall not cause to be discharged into the atmosphere from any mechanical vent gases which contain particulate matter in excess of 0.010 grains per dry standard cubic foot of air (per source test).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, the owner/operator shall conduct any performance tests required by §60.8 using the methods specified in §60.257 - Test Methods and Procedures.</p> <p>After the initial performance test, continual performance tests shall be conducted according to the requirements in §60.255 (b)(1), except as provide in §60.255 (c), (d) and (e), as applicable.</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.258 - Reporting and Recordkeeping, the owner/operator shall maintain an on-site logbook that records the items specified in paragraphs (a) as applicable.</p>
12.2	All Sources	PM	Limits/Standards:

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Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions				
		(Standard 4)	<p>In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of the following equations:</p> <p>1) when process weight rates are less than or equal to 30 tons per hour:</p> $E = 4.10P^{0.67}$ <p align="center">or</p> <p>2) when process weight rates are greater than 30 tons per hour</p> $E = 55.0P^{0.11} - 40$ <p>where E = the allowable emission rate in pounds per hour (3 hour block average) and P = process weight rate in tons per hour</p> <p>For the purposes of compliance with this condition, the process boundaries are defined as follows:</p> <table border="1" data-bbox="581 911 1516 974"> <thead> <tr> <th data-bbox="581 911 821 940">Process</th> <th data-bbox="821 911 1516 940">Equipment IDs</th> </tr> </thead> <tbody> <tr> <td data-bbox="581 940 821 974">Chem-Mod System</td> <td data-bbox="821 940 1516 974">Silo 1, Silo 2, DB1, DB2, DB3, DB4, DB5, Pug Mills</td> </tr> </tbody> </table> <p>The Chem-Mod® process is limited to a maximum production rate of 300 tons per hour per pug mill.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment will be maintained at or below the process weight rate specified in the application.</p> <p>The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the Chem Mod system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.</p>	Process	Equipment IDs	Chem-Mod System	Silo 1, Silo 2, DB1, DB2, DB3, DB4, DB5, Pug Mills
Process	Equipment IDs						
Chem-Mod System	Silo 1, Silo 2, DB1, DB2, DB3, DB4, DB5, Pug Mills						

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PART 5.C.12c - CONDITIONS FOR EMISSION UNIT ID 12 - CHEM-MOD SYSTEM

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
12.3	Pugmills	Opacity (NSPS Subpart Y)	<p>Limits/Standards: In accordance with NSPS 60, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, §60.254 - Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles, (b)(1) the owner/operator shall not cause to be discharged into the atmosphere any gases which exhibit ten (10) percent opacity or greater (6-minute average).</p> <p>State Only: No</p> <p>Testing: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, the owner/operator shall conduct any performance tests required by §60.8 using the methods specified in §60.257 - Test Methods and Procedures.</p> <p>After the initial performance test, continual performance tests shall be conducted according to the requirements in §60.255 (b)(2), except as provide in §60.255 (c), (f) and (g).</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.255 - Performance Tests and Other Compliance Requirements, if the owner/operator elects to comply with paragraph (f) in lieu of the (b)(2), they shall comply with the monitoring, recordkeeping, and reporting requirements of either paragraph (f)(1) or (f)(2).</p> <p>In accordance with §60.258 - Reporting and Recordkeeping, the owner/operator shall maintain a logbook that records the items specified in paragraphs (a) as applicable.</p> <p>In accordance with §60.258 - Reporting and Recordkeeping, the owner/operator shall report semiannually periods of excess emissions as specified in paragraph (b) as applicable.</p>
12.4	All Sources	Opacity (Standard 4)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), emissions (including fugitive emissions) from sources where construction or modification began after December 31, 1985 shall each not exhibit an opacity greater than twenty (20) percent.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on each piece of equipment on a semi-annual basis while the Chem Mod system is in operation.</p> <p>The owner/operator shall submit semi-annual reports documenting that visual inspections were conducted in accordance with this condition. The report shall include</p>

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Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			records of abnormal emissions if any and corrective actions taken. If the unit did not operate during the inspection period, the report shall so state. Records of visual inspection shall be maintained on site.

PART 5.D. - CONDITIONS FOR FACILITY WIDE - LIMITATIONS, MONITORING AND REPORTING
[S.C. Regulation 61-62.1, Section II]; [S.C. Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/ Standard	Conditions
5.D.1	Opacity Concurrent Method 9	<p>Limits/Standards: A visible emission observation, in accordance with the Environmental Protection Agency (EPA) Reference Test Method 9, shall be done concurrently with required particulate matter (PM) emission testing for Boilers B01-B04 (Unit IDs 01-04). In circumstances where concurrent visual emission observations are biased (such as overlapping plumes, overcast skies or other non-controllable variables described in Method 9), the facility shall perform a make-up visible emission observation within fifteen (15) days of the PM test. The make-up observation shall be done with the unit's operational mode (steam production, electricity generation) comparable to that of the PM test and shall be completed no later than fifteen (15) days after the PM test.</p> <p>State Only: No</p> <p>Testing: Testing shall be conducted in accordance with EPA Reference Method 9.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall conduct recordkeeping and reporting in accordance with S.C. Regulation 61-62.1, Section IV - Source Tests.</p>
5.D.2	Approved Fuels	<p>Limits/Standards: The use of any substance as fuel, except as specific in this permit, is prohibited without advance written approval from the Department. The boilers (Unit IDs 01-04). are permitted to combust the following fuels, which are considered "virgin fuels" as defined by S.C. Regulation 61-62.1, Section I - Definitions, alone or in combination:</p> <p style="padding-left: 40px;">Coal No. 2 fuel oil (containing 0.5 weight % or less sulfur)* Approved waste materials per SC Regulation 61-62.5, Standard 3</p> <p>*During start-up, shutdown, and significant boiler load changes for flame stability purposes.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain on site records of fuels and quantities combusted.</p>

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Condition Number	Regulated Pollutant/ Standard	Conditions
5.D.3	Additives/ Modifiers	<p>Limits/Standards: The use of any substance as fuel, except as specific in this permit, is prohibited without advance written approval from the Department. The boilers are permitted to combust the following fuel additives or modifiers, alone or in combination:</p> <p style="padding-left: 40px;">Additives Registered Per 40 CFR 79</p> <p style="padding-left: 40px;">ILFC 1032 Fuel Inhibitor HES Binder (petroleum emulsion; MSDS AMI-403) NALCO 9838 Binder (water based vinyl polymer) Dow Latex DL 298NA (latex based emulsion in water) Mer-Sorb S-Sorb</p> <p>MerSorb application is limited to a maximum of 0.10% by weight of coal. S-Sorb application is limit to a maximum of 0.50% by weight of coal.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain daily records of MerSorb and S-Sorb application rates in units of MerSorb tons per raw coal tons and S-Sorb tons per raw coal tons, respectively.</p> <p>The owner/operator shall submit semi-annual reports of the actual average application rates, the maximum application rates, and the actual total amounts of MerSorb and S-Sorb consumed.</p> <p>For additives not registered Per 40 CFR 79, a chemical analysis, manufacturer's certification, or MSDS sheet to show type and content of additives or modifiers shall be maintained by the facility on shipments of chemical modifiers or fuel additives received.</p> <p>For additives or modifiers other than MerSorb and S-Sorb, The owner/operator shall maintain logs of the name and quantity of additives or modifiers combusted.</p>

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[S.C. Regulation 61-62.1, Section II]; [S.C. Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/ Standard	Conditions
5.D.4	Waste Material	<p>Limits/Standards: The use of any substance as fuel, except as specific in this permit, is prohibited without advance written approval from the Department. The boilers are permitted to combust the waste materials, alone or in combination:</p> <p style="padding-left: 40px;">Spent boiler cleaning fluids Small quantities of oily debris generated by SCPSA Waste oil as per contingency plan dated March 27, 1985 (Unit 1) and July 6, 2004 approval (Unit 2) Used oil per the Winyah Station Standard Operating Procedure dated October 31, 2012</p> <p>State Only: No</p> <p>Testing: Not required.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain on site records of the small quantity of owner/operator generated waste material to be combusted, in appropriate units, and its firing rate.</p> <p>The owner/operator shall conduct chemical analyses and maintain records as specified in S.C. Regulation 61-62.5, Standard 3 (Condition 5.D.5).</p>
5.D.5	Standard 3	<p>Limits/Standards: The combustion of any waste other than virgin fuel is subject to S.C. Regulation 61-62.5, Standard No. 3, as applicable. Any material containing PCBs in a concentration equal to or greater than 50 ppm or meeting the definition of Hazardous Waste shall not be fired.</p> <p>On-Site Per Section III, sources may combust small quantities of waste that is generated by the owner/operator, not to exceed a waste firing rate of 6% of the unit's design heat input rate. The owner/operator is prohibited from combusting any waste not specifically listed in the permit. An analysis may be required to prove that the material to be burned is one of the substances authorized by the permit.</p> <p>Spec. Oil Per Section III, owner/operators combusting specification used oil are exempt from the emission limitations listed in Table III of this standard, provided that the permit lists the exact wastes to be combusted and an analysis shows the oil to meet the definition of specification oil as listed in S.C. Regulation 61-62.1, Section I.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: Per Section III, the owner/operator shall maintain records of the small quantity of owner/operator generated waste material to be combusted, in appropriate units, and its firing rate.</p>

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[S.C. Regulation 61-62.1, Section II]; [S.C. Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/ Standard	Conditions
		<p>A chemical analysis shall be performed on each used oil shipment received. Total halogen, total lead, total chromium, total cadmium, total arsenic, and total nickel content compliance shall be demonstrated by chemical analysis on an as fired basis for each shipment unless all shipments are from a single batch; in which case, one analysis from each batch is sufficient. Additionally, a chemical analysis for percent sulfur, BTU content, and flash point shall be performed. All shipments or batches shall be certified as complying with the PCB content limit. Records of analysis and certifications shall be maintained by the owner/operator.</p>
5.D.6	NSPS Compliance	<p>Limits/Standards:</p> <p>The electric utility steam generating units (IDs 02-04) are subject to S.C. Regulation 61-62.60 and 40 CFR 60, Subpart D - Standards Of Performance For Fossil-Fuel-Fired Steam Generators, and shall comply with all applicable provisions, in addition to those explicitly stated in this permit.</p> <p>The coal preparation and processing equipment (ID06: Equip IDs P12-P13, P19-P24, X03; ID07:Equip IDs P30-P34, P40-P44, X04; ID12: Equip IDs Pugmills) is subject to S.C. Regulation 61-62.60 and 40 CFR 60, Subpart Y - Standards Of Performance For Coal Preparation And Processing Plants, and shall comply with all applicable provisions, in addition to those explicitly stated in this permit.</p> <p>The non-metallic mineral processing equipment (ID10) is subject to S.C. Regulation 61-62.60 and 40 CFR 60, Subpart OOO - Standards Of Performance For Nonmetallic Mineral Processing Plants, and shall comply with all applicable provisions, in addition to those explicitly stated in this permit.</p> <p>All equipment specified in this condition are subject to S.C. Regulation 61-62.60 and 40 CFR 60, Subpart A - General Provisions, and shall comply with all applicable provisions, in additions to those explicitly stated in this permit.</p> <p>State Only: No</p> <p>Testing: As specified</p> <p>Monitoring/Record Keeping/Reporting/Other: In accordance with §60.7 - Notification And Record Keeping:</p> <p>(a)(4) the owner/operator shall notify the Department prior to any physical or operational change to an existing source which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in §60.14.</p> <p>(b) the owner/operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected source; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.</p>
5.D.7	PM ₁₀ (CAM)	<p>Limits/Standards:</p> <p>These sources are subject to 40 CFR 64, Compliance Assurance Monitoring (CAM), for particulate matter with an aerodynamic diameter of 10 micrometers or less (PM₁₀) emissions and shall comply with all applicable provisions.</p> <p>To meet the requirements of 40 CFR 64 the owner/operator shall continue to operate and maintain the indicators shown below as the measurement approach:</p>

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Condition Number	Regulated Pollutant/ Standard	Conditions				
		Unit/Equip/ Control ID	Indicator/Condition 40CFR64.6(c)(1)(i)	Measurement Approach 40CFR64.6(c)(1)(ii)	Averaging Period 40CFR64.6(c)(1)(iii)	Excursion Level 40CFR64.6(c)(2)
		01/B01/ESP1	Opacity	COMS	3 hour block average	> 34%
		02/B02/ESP2	Opacity	COMS	3 hour block average	> 20%
		03/B03/ESP3	Opacity	COMS	3 hour block average	> 20%
		04/B04/ESP4	Opacity	COMS	3 hour block average	> 20%
		<p>The indicators shown shall be used to provide assurance of compliance with each applicable requirement. These operational ranges were derived from stack test data.</p> <p>Quality Assurance/Quality Control (QA/QC) practices, etc. shall consist of performing performance evaluations and calibration checks for the Continuous Opacity Monitoring System (COMS) that meet 40 CFR 60.13 and 40 CFR 60 Appendix B, Performance Specification 1 requirements.</p> <p>An excursion is defined as any 3-hour block average where the indicator is equal to or greater than the excursion level. Upon detecting an excursion, the owner/operator shall restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing any startup, shutdown or malfunction period and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion (other than those caused by excused startup and shutdown conditions).</p> <p>State Only: No</p> <p>Testing: The COMS shall be tested and maintained in accordance with 40 CFR 60.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall submit a semiannual report for monitoring under 40CFR64.9; including, at a minimum, the information required under S.C. Regulation 61-62.70.6(a)(3)(iii) and the following information as applicable:</p> <ol style="list-style-type: none"> 1) Summary information of the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken; 2) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero span or other daily calibration checks, if applicable); 3) If applicable, evidence of an effectively assessment respecting response to excursion and exceedance events. 4) If applicable, all aspects of the CAM plan(s) that need revision, correction, or addition. 5) If applicable, a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period as specified in 40 CFR 64.8. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions occurring. <p>The owner/operator shall maintain records of monitoring data, monitor performance data, corrective actions and quality improvement plans.</p>				

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[S.C. Regulation 61-62.1, Section II]; [S.C. Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/ Standard	Conditions
5.D.8	SO ₂ (CCDM)	<p>Limits/Standards: The operation and maintenance of the SO₂ CEMS has been approved as a Continuous Compliance Determination Method (CCDM) alternative to and exemption from CAM plan for these SO₂ limits: Unit 1, 2, 3 & 4 Standard 7 (Conditions 01.3, 02.5, 03.6, 04.6) Consent Decree (Conditions 01.4, 02.6, 03.7, 04.7) NSPS Subpart D (Conditions 02.7, 03.8, 04.8)</p> <p>All limits for CCDM compliance shall be based on the specified averaging times. These limits are not subject to CAM during periods of startup and shutdown.</p> <p>For purposes of calculating data averages, data recorded during periods of monitoring malfunctions, associated repairs, out-of control periods, required quality assurance or control activities must not be used. All the data collected during all other periods in assessing compliance must be used. Any period for which the monitoring system is out of control and data is not available for required calculations constitute a deviation from the monitoring requirements.</p> <p>State Only: No</p> <p>Testing: The SO₂ CEMS shall be tested and maintained in accordance with 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: Any reported exceedance of these limits is considered to be in non-compliance with the applicable standard. The owner/operator shall submit results of any exceedances quarterly. If no exceedances occurred during the reporting period, a report shall be submitted to indicate such.</p>

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Condition Number	Regulated Pollutant/ Standard	Conditions
5.D.9	NO _x (CCDM)	<p>Limits/Standards: The operation and maintenance of the oxides of nitrogen (NO_x) CEMS has been approved as a CCDM alternative to and exemption from CAM plan for these NO_x limits: Consent Decree (Conditions 01.6, 02.9, 03.10, 04.10) NSPS Subpart D (Conditions 02.10, 03.11, 04.11) Unit 2, 3, & 4 Standard 7 (Conditions 02.11, 03.12, 04.12)</p> <p>All limits for CCDM compliance shall be based on the specified averaging times. These limits are not subject to CAM during periods of startup and shutdown.</p> <p>For purposes of calculating data averages, data recorded during periods of monitoring malfunctions, associated repairs, out-of control periods, required quality assurance or control activities must not be used. All the data collected during all other periods in assessing compliance must be used. Any period for which the monitoring system is out of control and data is not available for required calculations constitute a deviation from the monitoring requirements.</p> <p>State Only: No</p> <p>Testing: The NO_x CEMS shall be tested and maintained in accordance with 40 CFR 75.</p> <p>Monitoring/Record Keeping/Reporting/Other: Any reported exceedance of these limits is considered to be in non-compliance with the applicable standard. The owner/operator shall submit results of any exceedances quarterly. If no exceedances occurred during the reporting period, a report shall be submitted to indicate such.</p>
5.D.10	Mercury	<p>Limits/Standards: In accordance with the South Carolina Clean Air Mercury Rule Memorandum of Agreement (MOA), dated December 1, 2008, the owner/operator has committed to a voluntary agreement to provide mercury monitoring and testing based on the utility specific monitoring plans. The owner/operator has the right to re-evaluate the monitoring plan periodically and following the Department's written approval modify such plans. Department approved modifications to the monitoring plan shall be incorporated and fully implemented by the owner/operator as part of the original MOA.</p> <p>Per the current monitoring plan, the owner/operator shall maintain a mercury CEMS on Unit 2, 3, or 4 and account for Hg emitted via correlation from the other units. The owner/operator shall conduct annual testing for mercury on the Unit 1.</p> <p>State Only: Yes</p> <p>Testing: The owner/operator shall conduct all necessary source tests and CEMS maintenance in order to comply with the MOA.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records and submit reports in accordance with the currently effective MOA.</p>

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Condition Number	Regulated Pollutant/ Standard	Conditions
5.D.11	Fugitive Particulate Matter (Standard 4 & S.C. 61-62.6)	<p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section X - Non-Enclosed Operations:</p> <ul style="list-style-type: none"> (a) All non-enclosed operations shall be conducted in such a manner that a minimum of particulate matter becomes airborne. In no case shall established ambient air quality standards be exceeded at or beyond the property line. (b) The owner/operator of all such operations shall maintain dust control of the premises and any roadway owned or controlled by the owner/operator by paving, or other suitable measures. Oil treatment is prohibited. (c) All crushing, drying, classification and like operations shall employ a suitable control device acceptable to the Department, and shall discharge no more particulate matter than that specified in Section VIII of this Standard. <p>In accordance with S.C. Regulation 61-62.6 - Control of Fugitive Particulate Matter, Section III - Control of Fugitive Particulate Matter Statewide:</p> <ul style="list-style-type: none"> (a) Emissions of fugitive particulate matter shall be controlled in such a manner and to the degree that it does not create an undesirable level of air pollution. (b) Restrictions and requirements may be contained in operating permits on a case-by-case basis that are deemed appropriate and necessary to control fugitive particulate matter in accordance with reasonably available control technology. (c) No source/plant shall use any method of materials handling which will generate fugitive particulate matter that is not fully described in the permit application. (d) Volatile organic compounds shall not be used for dust control purposes. Oil treatment is also prohibited <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall prepare a plan to minimize fugitive particulate matter emissions. The plan shall:</p> <ul style="list-style-type: none"> (a) identify sources that reasonably have the potential to emit fugitive particulate matter. These sources shall include but are not limited to roadways, storage piles, etc. (b) include steps that the owner/operator takes to minimize fugitive emissions from the identified sources (c) record episodes of excess fugitive particulate matter emissions (d) record the corrective actions taken to mitigate emissions during the episode <p>The plan shall be maintained at the facility, kept up-to-date, and made available to the Department upon request. Plan requirements may be modified if future fugitive emission issues arise.</p>
5.D.12	NO _x , SO ₂	<p>(Equip IDs B01-B04) This facility is subject to S.C. Regulation 61-62.72, 40 CFR 72, 73, 74, 75, and 76 and the limits specified in Attachment E. The owner/operator shall comply with the monitoring and reporting requirements as provided in 40CFR Parts 74, 75 and 76.</p>

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Condition Number	Regulated Pollutant/ Standard	Conditions
5.D.13	NO _x , SO ₂	(EUIP IDs B01-B04) This facility is subject to SC Regulation 61-62.96 Nitrogen Oxides (NO _x) and Sulfur Dioxide (SO ₂) Budget Trading Program and the federal rule entitled 40 CFR 96 NO _x Budget Trading Program And CAIR NO _x And SO ₂ Trading Programs For State Implementation Plans. The CAIR permit is Attachment F of this permit. Existing affected units shall comply with the applicable provisions by the compliance dates specified in each Subpart. Any new affected units shall comply with the requirements of these Subparts upon initial start-up, unless otherwise noted.
5.D.14	CISWI	This facility has processes potentially subject to the provisions of S.C. Regulation 61-62.60 and 40 CFR 60, Standards Of Performance For New Stationary Sources, Subparts A (General Provisions) Subpart DDDD –(Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units). Should this facility be subject to these regulations, the owner/operator shall follow all applicable requirements as specified in the regulation.

PART 6 - ADDITIONAL CONDITIONS

PART 6.A - OPERATIONAL FLEXIBILITY

Condition Number	Conditions
6.A.1	Conditions in this permit 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.
6.A.2	<p>The owner/operator may conduct test combustions and/or injections of emission reducing additive(s)/reagent(s) (such as Mer-Sorb, S-Sorb, powder activated carbon, etc.), provided the following requirements are met:</p> <ol style="list-style-type: none"> 1. Written notification was submitted to the Director of the Engineering Services Division of the Bureau of Air Quality, at least seven days prior to conducting any test and the Department has not objected to the test or the test plan. <ol style="list-style-type: none"> a. The notification shall include at least: <ol style="list-style-type: none"> i. The name, description, and expected mechanism of action of the additive(s)/reagent(s). Attach any additional information as needed (MSDS, etc.). ii. The planned test start date. iii. The name of the pollutant(s) expected to be reduced and the name of other pollutant(s) that may reasonable be expected to be impacted by the additive(s)/reagent(s). 2. The testing period shall not exceed six months from the test start dated specified in the notice. 3. The additive(s)/reagent(s) shall not be combusted or injected unless active testing is being conducted. 4. The additive(s)/reagent(s) shall not contain volatile organic compounds or hazardous air pollutants. 5. The owner/operator shall conduct emission tests on the pollutant(s) expected to be reduced and other pollutant(s) that may reasonable be expected to be impacted by the additive(s)/reagent(s). Which pollutant(s) may be impacted is subject to the Department’s judgment. Where available and appropriate certified Continuous Emission Monitoring System data may be accepted in place of sources tests. 6. The owner/operator shall comply with all applicable requirements of S.C. Regulation 61-62.1, Section IV - Source Tests.

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PART 6.A - OPERATIONAL FLEXIBILITY

Condition Number	Conditions
	Any of the requirements in this condition may be waived upon request, at the Department's discretion. Approval for continuous additive(s)/reagent(s) use is dependent upon the submission and approval of an emission impact report.
6.A.3	The facility may install, remove, and modify insignificant activities as defined in S.C. Regulation 61-62.70.5.c and exempt sources as listed in S.C. Regulation 61-62.1, Section II.B, without revising or reopening the Title V Operating Permit. A list of insignificant activities/exempt sources must be maintained on site, along with any necessary documentation to support the determination that the activity is insignificant and/or exempt, and shall be made available to a Department representative upon request. The list shall be submitted with the next renewal application.

N/A = Not Applicable

PART 6.B - COMPLIANCE SCHEDULE [S.C. Regulation 61-62.70.5(c)(8)]

Condition Number	Conditions
N/A	N/A

N/A = Not Applicable

PART 6.C - PERMIT SHIELD [S.C. Regulation 61-62.70.6(f)]

A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment C. Compliance with the terms and conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance. The permittee shall also be shielded from any non-applicable requirements as agreed upon by the Department as specified in Attachment C with the exception of the following.

Part 6.C - Permit Shield Exceptions
SC DHEC Regulation 61-62.1 – Definitions and General Requirements
SC DHEC Regulation 61-62.2 - Prohibition of Open Burning
SC DHEC Regulation 61-62.3 - Air Pollution Episodes
SC DHEC Regulation 61-62.4 - Hazardous Air Pollution Conditions
SC DHEC Regulation 61-62.5, Standard No. 2 – Ambient Air Quality Standards
SC DHEC Regulation 61-62.5, Standard No. 3 – Waste Combustion and Reduction
SC DHEC Regulation 61-62.5, Standard No. 7 - Prevention of Significant Deterioration
SC DHEC Regulation 61-62.5, Standard No. 7.1 – Nonattainment New Source Review
SC DHEC Regulation 61-62.5, Standard No. 8 – Toxic Air Pollutants
SC DHEC Regulation 61-62.6 – Control of Fugitive Particulate Matter
SC DHEC Regulation 61-62.7 - Good Engineering Practice Stack Height
SC DHEC Regulation 61-62.60 – South Carolina Designated Facility Plan and New Source Performance Standards, All Subparts
SC DHEC Regulation 61-62.61 – National Emission Standards for Hazardous Air Pollutants (NESHAP), All Subparts
SC DHEC Regulation 61-62.63 – National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories, All Subparts
SC DHEC Regulation 61-62.99 – Nitrogen Oxides (NOx) Budget Program Requirements for Stationary Sources not in the Trading Program
40 CFR Part 50 - National Primary and Secondary Ambient Air Quality Standards
40 CFR Part 51 - Requirements for Preparation, Adoption, and Submittal of Implementation Plans
40 CFR Part 52 - Approval and Promulgation of Implementation Plans
40 CFR Part 54 - Prior Notice of Citizen Suits
40 CFR Part 55 - Outer Continental Shelf Air Regulations
40 CFR Part 56 - Regional Consistency

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Part 6.C - Permit Shield Exceptions
40 CFR Part 57 - Primary Nonferrous Smelter Orders
40 CFR Part 58 - Ambient Air Quality Surveillance
40 CFR Part 59 - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products
40 CFR Part 60 - Standards of Performance for New Stationary Sources (NSPS), All Subparts
40 CFR Part.61 - National Emission Standards for Hazardous Air Pollutants (NESHAP), All Subparts
40 CFR Part 62 - Approval and Promulgation of State Plans for Designated Facilities and Pollutants
40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories, All Subparts
40 CFR Part 64 - Compliance Assurance Monitoring
40 CFR Part 65 - Consolidated Federal Air Rule
40 CFR Part 66 - Assessment and Collection of Noncompliance Penalties by EPA
40 CFR Part 67 - Delegation of State Noncompliance Penalty Program
40 CFR Part 69 - Special Exemptions from the Clean Air Act
40 CFR Part 70 - State Operating Permit Programs
40 CFR Part 71 - Federal Operating Permit Programs
40 CFR Part 77 - Excess Emissions
40 CFR Part 78 - Appeals Procedures
40 CFR Part 79 - Registration of Fuels and Fuel Additives
40 CFR Part 80 - Regulation of Fuels and Fuel Additives
40 CFR Part 81 - Designation of Areas for Air Quality Planning Purposes
40 CFR Part 82 - Stratospheric Ozone
40 CFR Part 85 - Control of Air Pollution from Mobile Sources
40 CFR Part 86 - Control of Emissions from New and In-use Highway Vehicles and Engines
40 CFR Part 87 - Control of Air Pollution from Aircraft and Aircraft Engines
40 CFR Part 88 - Clean-fuel Vehicles
40 CFR Part 89 - Control of Emissions from New and In-use Nonroad Compression-Ignition Engines
40 CFR Part 90 - Control of Emissions from Nonroad Spark-Ignition Engines at or below 19 kW
40 CFR Part 91 - Control of Emissions from Marine Spark-Ignition Engines
40 CFR Part 92 - Control of Air Pollution from Locomotives and Locomotive Engines
40 CFR Part 93 - Determining Conformity of Federal Actions to State or Federal Implementation Plans
40 CFR Part 94 - Control of Air Pollution from Marine Compression-Ignition Engines
40 CFR Part 95 - Mandatory Patent Licenses
40 CFR Part 241 - Definition of Solid Waste Rule

Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders, of the Clean Air Act; the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (S.C. Regulation 61-62.70.7(e)(2)), group processing of minor permit modifications (S.C. Regulation 61-62.70.7(e)(3)), or operational flexibility (S.C. Regulation 61-62.70.7(e)(5)(i)), except as specified in S.C. Regulation 61-62.70.7(e)(5)(iii).

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PART 6.D - OTHER

Condition Number	Conditions
6.D.1	<p>It has been determined that the anhydrous ammonia process is 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> <ul style="list-style-type: none"> a. Submittal of a Risk Management Program (RMP) to the Environmental Protection Agency (EPA) prior to the date the regulated substance is first present above the threshold quantity in a process. b. Compliance with the Risk Management Program prior to the date the regulated substance is first present above the threshold quantity in a process. c. Submittal of subsequent revisions/updates of the RMP in accordance with S.C. 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>
6.D.2	<p>This facility is subject to the June 24, 2004, Consent Decree as approved between Santee Cooper, US EPA, and SC DHEC. The term "Consent Decree" used in this permit refers to the June 24, 2004, Consent Decree.</p> <p>In accordance with paragraph 138 of the Consent Decree, semi-annual progress report submittals shall not be required after December 31, 2015.</p> <p>In accordance with paragraph 213 of the Consent Decree, if the owner/operator provides notice of and certifies to items (a) through (c) of the paragraph and the Plaintiffs do not object within 45 days of receipt the notice, then, for any violations that occur after the filing of notice, the Plaintiffs shall pursue enforcement of the requirements contained in the Title V permit through the applicable Title V permit and not through the Consent Decree.</p> <p>Notwithstanding paragraph 213, if enforcement of a provision in the Consent Decree cannot be pursued under the applicable Title V permit, or if a Consent Decree requirement was intended to be part of a Title V Permit and did not become or remain part of such permit, then such requirement may be enforced under the terms of this Consent Decree at any time.</p>
6.D.3	<p>Terms used in the Consent Decree and related limits are specified as follows:</p> <ul style="list-style-type: none"> a. "Operating day" means any calendar day on which a unit fires fossil fuel. b. "Fossil fuel" means any hydrocarbon fuel, including coal, petroleum coke, petroleum oil, or natural gas. c. "30-Day Rolling Average Emission Rate" for a unit shall be expressed as lb/MMBTU and calculated in accordance with the following procedure: first, sum the total pounds of the pollutant in question emitted from the unit during an operating day and the previous twenty-nine (29) operating days; second, sum the total heat input to the unit in MMBTU during the operating day and the previous twenty-nine (29) operating days; and third, divide the total number of pounds of the pollutant emitted during the thirty (30) operating days by the total heat input during the thirty (30) operating days. A new 30-day rolling average emission rate shall be calculated for each new operating day. d. "30-Day Rolling Average Removal Efficiency" for a given pollutant means the percent reduction in the mass of that pollutant achieved by a unit's pollution control device over a 30-operating-day period. This percent reduction shall be calculated by subtracting the outlet 30-day rolling average emission rate from the inlet 30-Day Rolling Average Emission Rate, dividing that difference by the inlet 30-day rolling average emission rate, and then multiplying by 100. A new 30-day rolling average removal efficiency shall be calculated for each new operating day. e. "System-Wide" means collectively the Cross Plant Units 1 through 4, Grainger Plant Units 1 and 2, Jefferies Plant Units 3 and 4, and Winyah Plant Units 1 through 4. Jefferies Plant Units 1 and 2 (oil-fired) are not included in system-wide determinations. f. "System-Wide 12-Month Rolling Tonnage" means the sum of the tons of the pollutant in question emitted

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PART 6.D - OTHER

Condition Number	Conditions
	<p>from the Santee Cooper System in the most recent complete month and the previous eleven (11) months. A new system-wide 12-month rolling tonnage shall be calculated for each new complete month in accordance with the provisions of the Consent Decree. The calculation of each system-wide 12-month rolling tonnage shall include the pollutants emitted during periods of startup, shutdown, and malfunction within each calendar month.</p> <p>g. "System-Wide 12-Month Rolling Average Emission Rate" shall be expressed in lb/MMBTU and calculated in accordance with the following procedure: first, sum the pounds of the pollutant in question emitted from the Santee Cooper System during the most recent complete month and the previous eleven (11) months; second, sum the heat input to the Santee Cooper System in 10⁶ BTU during the most recent complete month and the previous eleven (11) months; and third, divide the total number of pounds of the pollutant emitted during the twelve (12) months by the total heat input during the twelve (12) months. A new system-wide 12-month rolling average emission rate shall be calculated for each new complete month in accordance with the provisions of the Consent Decree. The calculation of each system-wide 12-month rolling average emission rate shall include the pollutants emitted during periods of startup, shutdown, and malfunction within each calendar month.</p> <p>h. Performance standards, emissions limits, and other quantitative standards set by or under the Consent Decree must be met to the number of significant digits in which the standard or limit is expressed. For example, an emission rate of 0.100 is not met if the actual emission rate is 0.101. Santee Cooper shall round the fourth significant digit to the nearest third significant digit, or the third significant digit to the nearest second significant digit, depending upon whether the limit is expressed to three or two significant digits. For example, if an actual emission rate is 0.1004, that shall be reported as 0.100, and shall be in compliance with an emission rate of 0.100, and if an actual emission rate is 0.1005, that shall be reported as 0.101, and shall not be in compliance with an emission rate of 0.100. Santee Cooper shall report data to the number of significant digits in which the standard or limit is expressed. As otherwise applicable and unless the Consent Decree expressly directs otherwise, the calculation and measurement procedures established under 40 CFR 75 apply to the measurement and calculation of NO_x and sulfur dioxide (SO₂) emissions under the Consent Decree.</p>
6.D.4	<p>For limits resulting from the Consent Decree, each 30-day rolling average emission rate shall include emissions that occur during all periods of startup, shutdown and malfunction within an operating day, except as follows:</p> <p>a. Emissions of oxides of nitrogen (NO_x) that occur during the fifth and subsequent cold start up period(s) that occur in any 30-day period shall be excluded from the calculation of the 30-day rolling average emission rate if inclusion of such emissions would result in a violation of any applicable 30-day rolling average emission rate and Santee Cooper has operated and maintained the selective catalytic reduction (SCR) in question in accordance with manufacturers' specifications and good engineering practices. A "Cold Start Up Period" occurs whenever there has been no fire in the boiler of a unit (no combustion of any fossil fuel) for a period of six (6) hours or more. The NO_x emissions to be excluded during the fifth and subsequent cold start up period(s) shall be the lesser of (i) those NO_x emissions emitted during the eight (8) hour period commencing when the unit is synchronized with a utility electric distribution system and concluding eight (8) hours later, or (ii) those NO_x emissions emitted prior to the time that the flue gas has achieved the minimum SCR operational temperature specified by the catalyst manufacturer;</p> <p>b. For a unit that has ceased firing fossil fuel, emissions of sulfur dioxide (SO₂) that occur during any period, not to exceed two (2) hours (three (3) hours for units at the Winyah Plant), from the restart of the unit to the time that the unit is fired with any coal, shall be excluded from the calculation of the 30-day rolling average emission rate; and</p> <p>c. Emissions that occur during a period of malfunction shall be excluded from the calculation of the 30-day rolling average emission rate provide the owner/operator complies with malfunction event reporting requirements.</p>

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PART 6.D - OTHER

Condition Number	Conditions
6.D.5	<p>For units that are required to be equipped with SO₂ control equipment and that are subject to the percent removal efficiency requirements of the Consent Decree, the outlet SO₂ emission rate and the inlet SO₂ emission rate shall be determined based on the data generated in accordance with 40 CFR 75 (2002) (using SO₂ continuous emission monitoring system (CEMS) data from both the inlet and outlet of the control device). For the purpose of determining mass emissions, Santee Cooper shall (a) monitor the gas flow rate at both the inlet and outlet of the control device, or (b) monitor the gas flow rate at the outlet of the control device and determine the inlet flow rate based on EPA and the Department approved alternative methodology. This approved methodology uses stack SO₂, carbon dioxide (CO₂), and gas flow monitors in conjunction with the flue gas desulfurization (FGD) inlet SO₂ and CO₂ monitors and approved equations to calculate the control device inlet gas flow rate.</p>
6.D.6	<p>If Santee Cooper intends to exclude a period of malfunction, as defined in 40 CFR 60.2 (2003), from the calculation of any 30-day rolling average emission rate, particulate matter (PM) emission rate or 30-day rolling average removal efficiency, Santee Cooper shall notify EPA and the Department in writing as soon as practicable, but in no event later than fourteen (14) business days following the date Santee Cooper first knew, or by the exercise of due diligence should have known, of the malfunction. Santee Cooper shall be deemed to know of any circumstance which Santee Cooper, its contractors, or any entity controlled by Santee Cooper knew or should have known.</p> <p>a. In this notice, Santee Cooper shall describe the anticipated length of time that the malfunction may persist, the cause or causes of the malfunction, all measures taken or to be taken by Santee Cooper to minimize the duration of the Malfunction, and the schedule by which Santee Cooper proposes to implement those measures. Santee Cooper shall adopt all reasonable measures to minimize the duration of such malfunctions.</p> <p>b. A malfunction does not constitute a force majeure event unless the malfunction also meets the definition of a force majeure event. Conversely, a period of malfunction may be excluded by Santee Cooper from the calculations of emission rates and removal efficiencies, as allowed under this paragraph, regardless of whether the malfunction constitutes a force majeure event.</p> <p>Force Majeure Event - An event that has been or will be caused by circumstances beyond the control of Santee Cooper, its contractors, or any entity controlled by Santee Cooper that delays compliance with any provision of the Consent Decree or otherwise causes a violation of any provision of the Consent Decree despite Santee Cooper's best efforts to fulfill the obligation. "Best efforts to fulfill the obligation" include using best efforts to anticipate any potential force majeure event and to address the effects of any such event (a) as it is occurring and (b) after it has occurred, such that the delay or violation is minimized to the greatest extent possible.</p>
6.D.7	<p>Each Santee Cooper report shall be signed by Santee Cooper's Manager of Performance and Environmental Services or, in his or her absence, Santee Cooper's Senior Vice President of Generation, or higher ranking official, and shall contain the following certification: This information was prepared either by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my evaluation, or the direction and my inquiry of the person(s) who manage the system, or the person(s) directly responsible for gathering the information, I hereby certify under penalty of law that, to the best of my knowledge and belief, this information is true, accurate, and complete. I understand that there are significant penalties for submitting false, inaccurate, or incomplete information to the United States.</p>
6.D.8	<p>Notwithstanding applicable state preconstruction permit requirements, nothing in the Consent Decree shall be construed to require Santee Cooper to apply for or obtain a Prevention of Significant Deterioration (PSD) or Nonattainment New Source Review (NSR) permit for physical changes in, or changes in the method of operation of, any Santee Cooper system unit that would give rise to claims resolved by, or covered by, the covenant not to sue or to bring administrative action in, Section X (Resolution of Claims) of the Consent Decree.</p>
6.D.9	<p>Santee Cooper shall retain, and instruct its contractors and agents to preserve, all non-identical copies of all records and documents (including records and documents in electronic form) now in its or its contractors' or agents' possession or control, and that directly relate to Santee Cooper's performance of its obligations under the Consent Decree for the following periods: (a) until December 31, 2020, for records concerning physical or operational changes undertaken in accordance with paragraph 130 of the Consent Decree; and (b) until December 31, 2017, for all other records. This record retention requirement shall apply regardless of any corporate document retention policy to the contrary.</p>

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PART 6.D - OTHER

Condition Number	Conditions
6.D.10	<p>Whenever notifications, submissions, or communications are required by the Consent Decree, those notifications shall be made in writing and addressed as follows:</p> <p><u>As to the United States of America:</u> Chief, Environmental Enforcement Section Environmental and Natural Resources Division U.S. Department of Justice P.O. Box 7611, Ben Franklin Station Washington, D.C. 20044-7611 DJ# 90-5-2-1-07492</p> <p><u>and</u></p> <p>Director, Air Enforcement Division Office of Enforcement and Compliance Assurance U.S. Environmental Protection Agency Ariel Rios Building [2242A] 1200 Pennsylvania Avenue, N.W. Washington, DC 20460</p> <p><u>and</u></p> <p>Regional Administrator U.S. EPA Region IV 61 Forsyth Street, S.W. Atlanta, GA 30303-8960</p> <p><u>As to the South Carolina Department of Health and Environmental Control:</u> Chief, Bureau of Air Quality South Carolina Department of Health and Environmental Control 2600 Bull Street Columbia SC 29201</p> <p><u>As to Santee Cooper:</u> President Santee Cooper One Riverwood Drive Moncks Corner, SC 29461-2901</p> <p><u>and</u></p> <p>General Counsel Santee Cooper One Riverwood Drive Moncks Corner, SC 29461-2901</p>

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PART 6.D - OTHER

Condition Number	Conditions
6.D.11	Santee Cooper shall submit each plan, report, or other submission to EPA and the Department whenever such a document is required to be submitted for review or approval pursuant to the Consent Decree. EPA, in consultation with the Department to the extent that the Consent Decree provides for joint approval with the Department, may approve the submittal or decline to approve it and provide written comments. Within sixty (60) days of receiving written comments from EPA, Santee Cooper shall either: (a) revise the submittal consistent with the written comments and provide the revised submittal for final approval to EPA and, if applicable, to the Department; or (b) submit the matter for dispute resolution, including the period of informal negotiations stated in Section XV of the Consent Decree. Upon receipt of EPA's final approval of the submittal, and the Department's final approval, if applicable, or upon completion of the submittal pursuant to dispute resolution, Santee Cooper shall implement the approved submittal in accordance with the schedule specified therein.
6.D.12	(EQUIP IDs B01-B04) This facility is subject to SC Regulation 61-62.96 Nitrogen Oxides (NO _x) and Sulfur Dioxide (SO ₂) Budget Trading Program and the federal rule entitled 40 CFR 96 NO _x Budget Trading Program And CAIR NO _x And SO ₂ Trading Programs For State Implementation Plans and shall comply with all applicable requirements. The owner/operator shall comply with the monitoring and reporting requirements as provided in 40 CFR Part 96.
6.D.13	<p>A. Notwithstanding the frequency of reporting requirements specified elsewhere in this permit, the owner/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/operator continues to comply with all record keeping and monitoring requirements specified in this subpart and the applicable standard; and iii. The Department 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/operator notifies the Department in writing of his or her intention to make such a change and the Department does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the Department may review information concerning the source's entire previous performance history during the required record keeping period prior to the intended change, including performance test results, monitoring data, and evaluations of an owner/operator's conformance with operation and maintenance requirements. Such information may be used by the Department to make a judgment about the source's potential for noncompliance in the future. If the Department disapproves the owner/operator's request to reduce the frequency of reporting, the Department will notify the owner/operator in writing within 45 days after receiving notice of the owner/operator's intention. The notification from the Department to the owner/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/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/operator may again request approval from the Department to reduce the frequency of reporting for that standard as provided for in paragraphs (A) and (B) of this condition.</p>

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PART 7 - NESHAP REQUIREMENTS

PART 7.A - NESHAP PERIODIC REPORTING SCHEDULE SUMMARY

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	ZZZZ (Emergency Generators)	N/A	N/A	N/A

1. This table summarizes only the periodic compliance reporting schedule. Additional reports may be required. See specific NESHAP Subpart for additional reporting requirements and associated schedule.
2. This reporting schedule does not supersede any other reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, 40 CFR Part 63, and/or Title V. The MACT reporting schedule may be adjusted to coincide with the Title V reporting schedule with prior approval from the Department in accordance with §63.10(a)(5). This request may be made 1 year after the compliance date for the associated MACT standard.

PART 7.B - NESHAP - GENERAL REQUIREMENTS

Condition Number	Condition
7.B.1	All NESHAP notifications and reports shall be sent to the South Carolina Department of Health and Environmental Control - Bureau of Air Quality (SCDHEC - BAQ) at the following address: <p style="text-align: center;">SCDHEC - BAQ Air Toxics Section 2600 Bull Street Columbia, SC 29201</p>
7.B.2	All NESHAP notifications and the cover letter to periodic reports shall be sent to the United States Environmental Protection Agency (US EPA) at the following address: <p style="text-align: center;">US EPA, Region 4 Air, Pesticides and Toxics Management Division 61 Forsyth Street Atlanta, GA 30303</p>
7.B.3	In accordance with S.C. Regulation 61-62.1, Section II(J) and 40 CFR 63.10(b), the owner/operator shall maintain all records required to demonstrate compliance with the requirements established under this permit shall be maintained for a period of at least five (5) years and shall be made available to a Department representative upon request. This includes all reports and notifications.
7.B.4	All references to MACT or §63 in this permit, refer to both S.C. Regulation 61-62.63 - "National Emission Standards For Hazardous Air Pollutants (NESHAP) For Source Categories" and Code of Federal Regulations Title 40, Part 63 – "National Emission Standards For Hazardous Air Pollutants For Source Categories."

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PART 7.C - NESHAP PART 63 SUBPART ZZZZ - CONDITIONS

SUBPART ZZZZ - STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES

Condition Number	Emission Unit ID	Equipment/Control Device ID	Condition
7.C.1	N/A	Emergency Generators	These sources are subject to the provisions of 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and NESHAP for Stationary Reciprocating Internal Combustion Engines. Existing affected sources shall comply with the applicable provisions by the compliance date specified in Subpart ZZZZ. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.

PART 7.D - NESHAP PART 63 SUBPART UUUUU - CONDITIONS

SUBPART UUUUU - COAL- AND OIL-FIRED ELECTRIC UTILITY STEAM GENERATING UNITS

Condition Number	Emission Unit ID	Equipment/Control Device ID	Condition
7.D.1	N/A	N/A	This facility has processes subject to the provisions of S.C. Regulation 61-62.63 and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and Subpart UUUUU "National Emission Standards for Hazardous Air Pollutants from Coal and Oil-Fired Electric Utility Steam Generating Units." Existing affected sources shall be in compliance with the requirements of these Subparts on the compliance date, unless otherwise noted.

PART 8 - TITLE V REPORTING REQUIREMENTS

PART 8.A - TITLE V PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30 th July 30 th October 30 th January 30 th
Semiannual	January-June April-September July-December October-March	July 30 th October 30 th January 30 th April 30 th

Note: This reporting schedule does not supersede any Federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All Federal reports must meet the reporting time frames specified in the Federal standard unless the Department or EPA approves a change.

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PART 8.B - TITLE V COMPLIANCE CERTIFICATION REPORTING SCHEDULE

Title V Compliance Certification Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Annual	January-December April-March July-June October-September	February 14 th May 15 th August 14 th November 14 th

PART 8.C - TITLE V REPORTING CONDITIONS

Condition Number	Condition		
8.C.1	Reporting required in this permit, shall be submitted in a timely manner as directed in Part 8.A and Part 8.B of this permit.		
8.C.2	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, at the following address: <p style="text-align: center;">SCDHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201</p>		
8.C.3	All Title V Annual Compliance Certifications shall be sent to the United States Environmental Protection Agency (US EPA) and the South Carolina Department of Health and Environmental Control - Bureau of Air Quality (SCDHEC - BAQ) at the following addresses: <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;"> SCDHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201 </td> </tr> </table>	US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street Atlanta, GA 30303	SCDHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201
US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street Atlanta, GA 30303	SCDHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201		

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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see conditions 4.11 and 4.12).

STANDARD NO. 2 - PM₁₀ AND PM_{2.5} EMISSION RATES (LBS/HR)					
CURRENT STACK ID ⁽¹⁾	6/6/2005 MODEL STACK ID ⁽¹⁾	CURRENT PM₁₀	CURRENT PM_{2.5}	MODELED PM₁₀-ANNUAL	MODELED PM₁₀-24 HOUR
G1	G1	6.76E-02	1.02E-02	1.21E-01	1.21E-01
G2	G2	6.76E-02	1.02E-02	1.21E-01	1.21E-01
L10	L10	3.38E-02	5.12E-03	6.05E-02	6.05E-02
L11	L11	3.38E-02	5.12E-03	6.05E-02	6.05E-02
L8	L8	3.38E-02	5.12E-03	6.05E-02	6.05E-02
L9	L9	3.38E-02	5.12E-03	6.05E-02	6.05E-02
P03	P03	4.97E-02	7.53E-03	1.22E-01	1.22E-01
P04	P04	4.97E-02	7.53E-03	1.22E-01	1.22E-01
P05	P05	1.66E-01	2.51E-02	1.22E-01	1.22E-01
P06	P06	1.66E-01	2.51E-02	1.22E-01	1.22E-01
P07	P07	1.66E-01	2.51E-02	1.22E-01	1.22E-01
P12	P12	1.80E-02	1.80E-02	0.0694	1.80E-01
P13	P13	1.80E-02	1.80E-02	0.0694	1.80E-01
P18	P18	--	--	0.0694	9.68E-02
P21	P21	1.80E-02	1.80E-02	0.0694	1.80E-01
P25	P25	--	--	0.0694	0.1056
P31	P31	1.80E-02	1.80E-02	0.0694	1.80E-01
P35	P35	--	--	0.0694	1.06E-01
P41	P41	1.80E-02	1.80E-02	0.0694	1.80E-01
P45	P45	--	--	0.0694	0.1056
P53	P53	1.28E-01	1.93E-02	0.0183	2.20E-01
P56	P56	1.28E-01	1.93E-02	0.0183	2.20E-01
P59	P59	2.55E-01	3.86E-02	0.0183	4.40E-01
P70	RS1	1.65E-02	7.50E-03	0.111	0.111
P71	RS2	1.65E-02	7.50E-03	0.111	0.111
P72	FAS	6.49E-02	2.95E-02	0.452	0.452
P73	RS	8.47E-02	3.85E-02	0.587	0.587
P74	LS1A	8.58E-02	3.90E-02	0.587	0.587
P75	LS1B	8.58E-02	3.90E-02	0.587	0.587

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STANDARD NO. 2 - PM₁₀ AND PM_{2.5} EMISSION RATES (LBS/HR)					
CURRENT STACK ID ⁽¹⁾	6/6/2005 MODEL STACK ID ⁽¹⁾	CURRENT PM₁₀	CURRENT PM_{2.5}	MODELED PM₁₀-ANNUAL	MODELED PM₁₀-24 HOUR
P76	SD	8.14E-02	3.70E-02	0.564	0.564
WIN1A	WIN1A	79.8	79.8	1007.95	1007.95
WIN2A	WIN2A	79.8	79.8	265.88	265.88
WIN3	WIN3	266	266	265.88	265.88
WIN4	WIN4	79.8	79.8	265.88	265.88
X01	X01	4.97E-02	7.53E-03	1.22E-01	1.22E-01
X04	N/A	1.08 ⁽²⁾	1.08 ⁽²⁾	--	--
N/A	L3	--	--	0.1373	0.1373
N/A	P52	--	--	0.0091	0.2198
N/A	P54	--	--	0.0183	0.2198
N/A	P55	--	--	0.0091	0.2198
N/A	P57	--	--	0.0183	0.2198
N/A	P58	--	--	0.0091	0.2198
N/A	P60	--	--	0.0183	0.4397
N/A	P81	--	--	0.0897	0.1802

* Emissions and emission units that have a strikethrough are no longer in service. The emissions remain in the summary because they are part of the most-recent compliance demonstration.

⁽¹⁾ The first two columns in the table cross-references current stack ID's and the stack ID's from the most recent modeling compliance demonstration in 2005. Where "N/A" is shown, a stack ID is/was not assigned. (3/14/13)

⁽²⁾ Although PM₁₀ and PM_{2.5} emissions are greater than 1 lb/hr for source X04, the total facility-wide emissions have been reduced by over 1300 lb/hr since the most-recent modeling compliance demonstration. Due to the large emission reductions, no modeling is required for this source at this time. However, SCDHEC may require a compliance demonstration for X04 at a future time if necessary. (3/14/13)

⁽³⁾ As shown by facility total emissions, there has been a significant net decrease in emissions since the most-recent modeling compliance demonstration in 2005, so no new modeling is required at this time for PM₁₀ and PM_{2.5}. (3/14/13)

STANDARD NO. 2 - MODELED SO₂, NO_x, CO, LEAD, AND HF EMISSION RATES (LBS/HR)					
CURRENT STACK ID	SO₂⁽¹⁾	NO_x⁽¹⁾	CO⁽²⁾	Lead⁽³⁾	HF⁽³⁾
WIN1A	1383.0	266.0	88.67	0.0486	1.56
WIN2A	1383.0	319.2	88.67	0.0486	1.56
WIN3	1383.0	319.2	88.67	0.045	0.798
WIN4	1383.0	319.2	88.67	0.045	0.798

NOTES:

⁽¹⁾ SO₂ and NO_x emissions have decreased from the previous compliance demonstration. SCDHEC re-modeled

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STANDARD NO. 2 - MODELED SO₂, NO_x, CO, LEAD, AND HF EMISSION RATES (LBS/HR)
<p>both SO₂ and NO_x using AERMOD since WIN1A and WIN2A were not included in the previous ISCST3 compliance demonstration dated 6/6/2005. The new emission rates are modeled. (3/14/13)</p> <p>⁽²⁾ CO emissions are now higher than previously modeled due to a change in emission factors. SCDHEC modeled the new emission rates from the four boilers. (3/14/13)</p> <p>⁽³⁾ Lead and HF emissions from the four boilers were omitted from a compliance demonstration in the past. SCDHEC modeled Lead and HF to demonstrate compliance. (3/14/13)</p>

STANDARD NO. 7 - MODELED PSD CLASS II INCREMENT PM₁₀ EMISSION RATES (LBS/HR)				
CURRENT STACK ID ⁽¹⁾	6/6/2005 MODEL STACK ID ⁽¹⁾	Minor Source Baseline Date(s)		
			8/7/1977	8/7/1977
		Current PM₁₀	6/6/2005 Modeled PM₁₀-Annual	6/6/2005 Modeled PM₁₀-24hr
G1	G1	6.76E-02	0.1206	0.1206
G2	G2	6.76E-02	0.1206	0.1206
L10	L10	3.38E-02	0.0605	0.0605
L11	L11	3.38E-02	0.0605	0.0605
L8	L8	3.38E-02	0.0605	0.0605
L9	L9	3.38E-02	0.0605	0.0605
P03	P03	4.97E-02	0.1222	0.1222
P04	P04	4.97E-02	0.1222	0.1222
P05	P05	1.66E-01	0.1222	0.1222
P06	P06	1.66E-01	0.1222	0.1222
P07	P07	1.66E-01	0.1222	0.1222
P31	P31	1.80E-02	0.0694	0.1802
P35	P35	--	0.0694	0.1056
P41	P41	1.80E-02	0.0694	0.1802
P45	P45	--	0.0694	0.1056
P53	P53	1.28E-01	0.0183	0.2198
P56	P56	1.28E-01	0.0183	0.2198
P59	P59	2.55E-01	0.0183	0.4397
P70	RS1	1.65E-02	0.111	0.111
P71	RS2	1.65E-02	0.111	0.111
P72	FAS	6.49E-02	0.452	0.452
P73	RS	8.47E-02	0.587	0.587
P74	LS1A	8.58E-02	0.587	0.587
P75	LS1B	8.58E-02	0.587	0.587

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STANDARD NO. 7 - MODELED PSD CLASS II INCREMENT PM₁₀ EMISSION RATES (LBS/HR)				
CURRENT STACK ID ⁽¹⁾	6/6/2005 MODEL STACK ID ⁽¹⁾	Minor Source Baseline Date(s)		
			8/7/1977	8/7/1977
		Current PM₁₀	6/6/2005 Modeled PM₁₀-Annual	6/6/2005 Modeled PM₁₀-24hr
P76	SD	8.14E-02	0.564	0.564
WIN1 ⁽²⁾	WIN1	-1010 ⁽²⁾	--	--
WIN1A	WIN1A	79.8	--	--
WIN2 ⁽²⁾	WIN2	-266 ⁽²⁾	--	--
WIN2A	WIN2A	79.8	--	--
WIN3	WIN3	266.0	265.8775	265.8775
WIN4	WIN4	79.8	265.8775	265.8775
X01	X01	4.97E-02	0.1222	0.1222
N/A	X04	1.08 ⁽³⁾	--	--
L3	N/A	--	0.1373	0.1373
P54	N/A	--	0.0183	0.2198
P57	N/A	--	0.0183	0.2198
P60	N/A	--	0.0183	0.4397
P84	N/A	--	0.0897	0.1802

* The PM_{2.5} baseline date has not been set for Georgetown County. (3/14/13)

⁽¹⁾ The first two columns contains a cross-reference between current stack ID's and the stack ID's from the most recent modeling compliance demonstration in 2005. (3/14/13)

⁽²⁾ WIN1 and WIN2 are increment expanding sources. WIN1 and WIN2 were built pre-baseline date, but these sources have been replaced with new stacks WIN1A and WIN1B. Thus, emissions for WIN1 and WIN2 are shown as negative. (3/14/13)

⁽³⁾ Although PM₁₀ and PM_{2.5} emissions are greater than 1 lb/hr for source X04, the total facility-wide emissions have been reduced by over 1300 lb/hr since the most-recent modeling compliance demonstration. Due to the large emission reductions, no modeling is required for this source at this time. However, SCDHEC may require a compliance demonstration for X04 at a future time if necessary. (3/14/13)

⁽⁴⁾ There has been a significant reduction in total emissions at the facility due to the placement of controls for emissions with Boilers 1 and 2, which now exhaust through stacks WIN1A and WIN2B. WIN1 and WIN2 are the old boiler 1 and 2 stacks that are no longer in operation. Since the original stacks were installed prior to the baseline date, the emissions from the old stacks (WIN1 and WIN2) are negative. There has been a significant reduction in facility-wide emissions since the most recent modeling, so no further modeling is required at this time. (3/14/13)

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STANDARD NO. 7 - MODELED PSD CLASS II INCREMENT SO₂ EMISSION RATES (LBS/HR)	
STACK ID	Minor Source Baseline Date(s)
	8/7/1977
	SO₂
WIN1 ⁽¹⁾	-1730.2 ⁽¹⁾
WIN1A ⁽²⁾	1383
WIN2 ⁽¹⁾	-- ⁽¹⁾
WIN2A ⁽²⁾	1383
WIN3 ⁽²⁾	1383
WIN4 ⁽²⁾	1383
<p>* There have been no modifications to NO_x PSD Class II increment emissions since the baseline date was set on 12/27/2007. Thus, a compliance demonstration is not required for NO_x at this time. (3/14/13)</p> <p>⁽¹⁾ WIN1 and WIN2 are increment expanding sources. WIN1 and WIN2 were built pre-baseline date, but these sources have been replaced with new stacks WIN1A and WIN1B. The facility-wide SO₂ Standard 7 modeling analysis could include increment expanding baseline actual emissions from two old boiler stacks (WIN1 and WIN2) that are no longer in service. However, baseline actual emissions are unknown at this time, so a very conservative (and perhaps unrepresentative) negative emission rate is used for SO₂ Standard 7 compliance. The negative emission rate (-1730.2 lb/hr) that is modeled from only old stack WIN1 was modeled in a past compliance demonstration as a result of a reduction of emissions after adding on a scrubber to boiler 1. Although the negative emission rate may not account for the total baseline actual emissions from WIN1, it is a conservative emission rate used for this increment analysis. (3/14/13)</p> <p>⁽²⁾ WIN1A, WIN2A, WIN3, and WIN4 are increment consuming sources. (3/14/13)</p>	

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ATTACHMENT C

APPLICABLE AND NON-APPLICABLE FEDERAL AND STATE REGULATIONS

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The following contains the Federal and South Carolina air pollution regulations, which were specified in the Part 70, permit application and determined as applicable and non-applicable by the Department as of the date of this permit issuance. This attachment may be revised by the Department in the event of a change in the nature or emission of pollutants at the source or promulgation of new or revised regulations.

APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable (Yes / No)
40 CFR Part 50	National Primary and Secondary Ambient Air Quality Standards	No
40 CFR Part 51	Requirements for Preparation, Adoption, and Submittal of Implementation Plans	No
40 CFR Part 52	Approval and Promulgation of Implementation Plans	No
40 CFR Part 54	Prior Notice of Citizen Suits	No
40 CFR Part 55	Outer Continental Shelf Air Regulations	No
40 CFR Part 56	Regional Consistency	No
40 CFR Part 57	Primary Nonferrous Smelter Orders	No
40 CFR Part 58	Ambient Air Quality Surveillance	Potentially
40 CFR Part 59	National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	No
40 CFR Part 60, Subpart A	NSPS General Provisions	Yes
40 CFR Part 60, Subpart B	Adoption and Submittal of State Plans for Designated Facilities	No
40 CFR Part 60, Subpart C	Emission Guidelines and Compliance Times	No
40 CFR Part 60, Subpart Cb	Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or before September 20, 1994	No
40 CFR Part 60, Subpart Cc	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	No
40 CFR Part 60, Subpart Cd	Emission Guidelines and Compliance Times for Sulfuric Acid Production Units	No
40 CFR Part 60, Subpart Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators	No
40 CFR Part 60, Subpart D	NSPS for Fossil-Fuel-Fired Steam Generators Constructed after August 17, 1971	Yes
40 CFR Part 60, Subpart Da	NSPS for Electric Utility Steam Generating Units Constructed after September 18, 1978	No
40 CFR Part 60, Subpart Db	NSPS for Industrial-Commercial-Institutional Steam Generating Units	No
40 CFR Part 60, Subpart Dc	NSPS for Small Industrial-Commercial-Institutional Steam Generating Units	No
40 CFR Part 60, Subpart E	NSPS for Incinerators	No
40 CFR Part 60, Subpart Ea	NSPS for Municipal Waste Combustors Constructed between December 20, 1989 and September 20, 1994	No
40 CFR Part 60, Subpart Eb	NSPS for Large Municipal Waste Combustors Constructed after September 20, 1994 or Reconfigured/Modified after June 19, 1996	No
40 CFR Part 60, Subpart Ec	NSPS for Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced after June 20, 1996	No
40 CFR Part 60, Subpart F	NSPS for Portland Cement Plants	No
40 CFR Part 60, Subpart G	NSPS for Nitric Acid Plants	No
40 CFR Part 60, Subpart H	NSPS for Sulfuric Acid Plants	No
40 CFR Part 60, Subpart I	NSPS for Hot Mix Asphalt Facilities	No
40 CFR Part 60, Subpart J	NSPS for Petroleum Refineries	No

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APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable (Yes / No)
40 CFR Part 60, Subpart Ja	NSPS for Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After May 14, 2007	No
40 CFR Part 60, Subpart K	NSPS for Storage Vessels for Petroleum Liquids Constructed/Reconstructed/Modified between June 11, 1973 and May 19, 1978	No
40 CFR Part 60, Subpart Ka	NSPS for Storage Vessels for Petroleum Liquids Constructed/Reconstructed/Modified between May 19, 1978 and July 23, 1984	No
40 CFR Part 60, Subpart Kb	NSPS for Volatile Organic Liquid Storage Vessels Constructed/Reconstructed/Modified after July 23, 1984	No
40 CFR Part 60, Subpart L	NSPS for Secondary Lead Smelters	No
40 CFR Part 60, Subpart M	NSPS for Secondary Brass and Bronze Production Plants	No
40 CFR Part 60, Subpart N	NSPS for Primary Emissions from Basic Oxygen Process Furnaces Constructed after June 11, 1973	No
40 CFR Part 60, Subpart Na	NSPS for Secondary Emissions from Basic Oxygen Process Steelmaking Facilities Constructed after January 20, 1983	No
40 CFR Part 60, Subpart O	NSPS for Sewage Treatment Plants	No
40 CFR Part 60, Subpart P	NSPS for Primary Copper Smelters	No
40 CFR Part 60, Subpart Q	NSPS for Primary Zinc Smelters	No
40 CFR Part 60, Subpart R	NSPS for Primary Lead Smelters	No
40 CFR Part 60, Subpart S	NSPS for Primary Aluminum Reduction Plants	No
40 CFR Part 60, Subpart T	NSPS for the Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants	No
40 CFR Part 60, Subpart U	NSPS for the Phosphate Fertilizer Industry: Superphosphoric Acid Plants	No
40 CFR Part 60, Subpart V	NSPS for the Phosphate Fertilizer Industry: Diammonium Phosphate Plants	No
40 CFR Part 60, Subpart W	NSPS for the Phosphate Fertilizer Industry: Triple Superphosphate Plants	No
40 CFR Part 60, Subpart X	NSPS for the Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	No
40 CFR Part 60, Subpart Y	NSPS for Coal Preparation Plants	Yes
40 CFR Part 60, Subpart Z	NSPS for Ferroalloy Production Facilities	No
40 CFR Part 60, Subpart AA	NSPS for Steel Plants: Electric Arc Furnaces Constructed between October 21, 1974 and August 17, 1983	No
40 CFR Part 60, Subpart AAa	NSPS for Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed after August 17, 1983	No
40 CFR Part 60, Subpart BB	NSPS for Kraft Pulp Mills	No
40 CFR Part 60, Subpart CC	NSPS for Glass Manufacturing Plants	No
40 CFR Part 60, Subpart DD	NSPS for Grain Elevators	No
40 CFR Part 60, Subpart EE	NSPS for Surface Coating of Metal Furniture	No
40 CFR Part 60, Subpart GG	NSPS for Stationary Gas Turbines	No
40 CFR Part 60, Subpart HH	NSPS for Lime Manufacturing Plants	No
40 CFR Part 60, Subpart KK	NSPS for Lead-Acid Battery Manufacturing Plants	No
40 CFR Part 60, Subpart LL	NSPS for Metallic Mineral Processing Plants	No
40 CFR Part 60, Subpart MM	NSPS for Automobile and Light-Duty Truck Surface Coating Operations	No
40 CFR Part 60, Subpart NN	NSPS for Phosphate Rock Plants	No
40 CFR Part 60, Subpart PP	NSPS for Ammonium Sulfate Manufacture	No
40 CFR Part 60, Subpart QQ	NSPS for Graphic Arts Industry: Publication Rotogravure Printing	No

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Citation	Regulation	Applicable (Yes / No)
40 CFR Part 60, Subpart RR	NSPS for Pressure Sensitive Tape and Label Surface Coating Operations	No
40 CFR Part 60, Subpart SS	NSPS for Industrial Surface Coating: Large Appliances	No
40 CFR Part 60, Subpart TT	NSPS for Metal Coil Surface Coating	No
40 CFR Part 60, Subpart UU	NSPS for Asphalt Processing and Asphalt Roofing Manufacture	No
40 CFR Part 60, Subpart VV	NSPS for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced between January 5, 1981 and November 7, 2006	No
40 CFR Part 60, Subpart VVa	NSPS for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	No
40 CFR Part 60, Subpart WW	NSPS for Beverage Can Surface Coating Industry	No
40 CFR Part 60, Subpart XX	NSPS for Bulk Gasoline Terminals	No
40 CFR Part 60, Subpart AAA	NSPS for New Residential Wood Heaters	No
40 CFR Part 60, Subpart BBB	NSPS for Rubber Tire Manufacturing Industry	No
40 CFR Part 60, Subpart DDD	NSPS for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry	No
40 CFR Part 60, Subpart FFF	NSPS for Flexible Vinyl and Urethane Coating and Printing	No
40 CFR Part 60, Subpart GGG	NSPS for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced between January 4, 1983 and November 7, 2006	No
40 CFR Part 60, Subpart GGGa	NSPS for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After November 7, 2006	No
40 CFR Part 60, Subpart HHH	NSPS for Synthetic Fiber Production Facilities	No
40 CFR Part 60, Subpart III	NSPS for Volatile Organic Compounds (VOC) Emissions From the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes	No
40 CFR Part 60, Subpart JJJ	NSPS for Petroleum Dry Cleaners	No
40 CFR Part 60, Subpart KKK	NSPS for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	No
40 CFR Part 60, Subpart LLL	NSPS for Onshore Natural Gas Processing: SO2 Emissions	No
40 CFR Part 60, Subpart NNN	NSPS for Volatile Organic Compounds (VOC) Emissions From the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operation	No
40 CFR Part 60, Subpart OOO	NSPS for Nonmetallic Mineral Processing Plants	Yes
40 CFR Part 60, Subpart PPP	NSPS for Wool Fiberglass Insulation Manufacturing Plants	No
40 CFR Part 60, Subpart QQQ	NSPS for VOC Emissions from Petroleum Refinery Wastewater Systems	No
40 CFR Part 60, Subpart RRR	NSPS for VOC Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes	No
40 CFR Part 60, Subpart SSS	NSPS for Magnetic Tape Coating Facilities	No
40 CFR Part 60, Subpart TTT	NSPS for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	No
40 CFR Part 60, Subpart UUU	NSPS for Calciners and Dryers in Mineral Industries	No
40 CFR Part 60, Subpart VVV	NSPS for Polymeric Coating of Supporting Substrates Facilities	No
40 CFR Part 60, Subpart WWW	NSPS for Municipal Solid Waste Landfills	No

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APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable (Yes / No)
40 CFR Part 60, Subpart AAAA	Standards of Performance for Small Municipal Waste Combustion Units for which Construction is Commenced After August 30, 1999 or for which Modification or Reconstruction is Commenced After June 6, 2001	No
40 CFR Part 60, Subpart BBBB	Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999	No
40 CFR Part 60, Subpart CCCC	Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for which Construction is Commenced After November 30, 1999 or for which Modification or Reconstruction is Commenced on or after June 1, 2001	No
40 CFR Part 60, Subpart DDDD	Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction on or Before November 30, 1999	No
40 CFR Part 60, Subpart EEEE	Standards of Performance for Other Solid Waste Incineration Units for which Construction is Commenced after December 9, 2004 or for which Modification or Reconstruction is Commenced on or after June 16, 2006	No
40 CFR Part 60, Subpart FFFF	Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units that Commenced Construction on or before December 9, 2004	No
40 CFR Part 60, Subpart HHHH	Emission Guidelines and Compliance Times for Coal-Fired Electric Steam Generating Units [VACATED]	No
40 CFR Part 60, Subpart IIII	NSPS for Stationary Compression Ignition Internal Combustion Engines	No
40 CFR Part 60, Subpart JJJJ	NSPS for Stationary Spark Ignition Internal Combustion Engines	No
40 CFR Part 60, Subpart KKKK	NSPS for Stationary Combustion Turbines	No
40 CFR Part 61, Subpart A	NESHAP General Provisions	Potentially
40 CFR Part 61, Subpart B	NESHAP for Radon Emissions from Underground Uranium Mines	No
40 CFR Part 61, Subpart C	NESHAP for Beryllium	No
40 CFR Part 61, Subpart D	NESHAP for Beryllium Rocket Motor Firing	No
40 CFR Part 61, Subpart E	NESHAP for Mercury	No
40 CFR Part 61, Subpart F	NESHAP for Vinyl Chloride	No
40 CFR Part 61, Subpart H	NESHAP for Emissions of Radionuclides other than Radon from Department of Energy Facilities	No
40 CFR Part 61, Subpart I	NESHAP for Radionuclide Emissions from Federal Facilities Other Than Nuclear Regulatory Commission Licensees and Not Covered by Subpart H	No
40 CFR Part 61, Subpart J	NESHAP for Equipment Leaks (Fugitive Emission Sources) of Benzene	No
40 CFR Part 61, Subpart K	NESHAP for Radionuclide Emissions from Elemental Phosphorus Plants	No
40 CFR Part 61, Subpart L	NESHAP for Benzene Emissions from Coke By-Product Recovery Plants	No
40 CFR Part 61, Subpart M	NESHAP for Asbestos	Potentially
40 CFR Part 61, Subpart N	NESHAP for Inorganic Arsenic Emissions from Glass Manufacturing Plants	No
40 CFR Part 61, Subpart O	NESHAP for Inorganic Arsenic Emissions from Primary Copper Smelters	No
40 CFR Part 61, Subpart P	NESHAP for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	No
40 CFR Part 61, Subpart Q	NESHAP for Radon Emissions from Department of Energy Facilities	No
40 CFR Part 61, Subpart R	NESHAP for Radon Emissions from Phosphogypsum Stacks	No
40 CFR Part 61, Subpart T	NESHAP for Radon Emissions from the Disposal of Uranium Mill Tailings	No
40 CFR Part 61, Subpart V	NESHAP for Equipment Leaks (Fugitive Emission Sources)	No

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Citation	Regulation	Applicable (Yes / No)
40 CFR Part 61, Subpart W	NESHAP for Radon Emissions from Operating Mill Tailings	No
40 CFR Part 61, Subpart Y	NESHAP for Benzene Emissions from Benzene Storage Vessels	No
40 CFR Part 61, Subpart BB	NESHAP for Benzene Emissions from Benzene Transfer Operations	No
40 CFR Part 61, Subpart FF	NESHAP for Benzene Waste Operations	No
40 CFR Part 62	Approval and Promulgation of State Plans for Designated Facilities and Pollutants	No
40 CFR Part 63	NESHAP - Source Classification	Major
40 CFR Part 63, Subpart A	NESHAP General Provisions	Yes
40 CFR Part 63, Subpart B 112(g) - Case-by-Case MACT	Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections 112(g) and 112(j).	No
40 CFR Part 63, Subpart C	List of Hazardous Air Pollutants, Petitions Process, Lesser Quantity Designations, Source Category List	No
40 CFR Part 63, Subpart D	NESHAP Compliance Extensions for Early Reductions of Hazardous Air Pollutants	Potentially
40 CFR Part 63, Subpart E	Approval of State Programs and Delegation of Federal Authorities	No
40 CFR Part 63, Subpart F	NESHAPs for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	No
40 CFR Part 63, Subpart G	NESHAPs for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater	No
40 CFR Part 63, Subpart H	NESHAPs for Organic Hazardous Air Pollutants for Equipment Leaks	No
40 CFR Part 63, Subpart I	NESHAPs for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks	No
40 CFR Part 63, Subpart J	NESHAPs for Polyvinyl Chloride and Copolymers Production	No
40 CFR Part 63, Subpart L	NESHAPs for Coke Oven Batteries	No
40 CFR Part 63, Subpart M	NESHAP - Perchloroethylene Air Emission Standards for Dry Cleaning Facilities	No
40 CFR Part 63, Subpart N	NESHAPs for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	No
40 CFR Part 63, Subpart O	NESHAP - Ethylene Oxide Standards for Sterilization Facilities	No
40 CFR Part 63, Subpart Q	NESHAPs for Hazardous Air Pollutants for Industrial Process Cooling Towers	No
40 CFR Part 63, Subpart R	NESHAPs for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	No
40 CFR Part 63, Subpart S	NESHAPs for Pulp and Paper Industry	No
40 CFR Part 63, Subpart T	NESHAPs for Halogenated Solvent Cleaning	No
40 CFR Part 63, Subpart U	NESHAPs for Hazardous Air Pollutant Emissions: Group I Polymers and Resins	No
40 CFR Part 63, Subpart W	NESHAPs for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production	No
40 CFR Part 63, Subpart X	NESHAPs for Hazardous Air Pollutants From Secondary Lead Smelting	No
40 CFR Part 63, Subpart Y	NESHAPs for Emission Standards for Marine Tank Vessel Loading Operations	No
40 CFR Part 63, Subpart AA	NESHAPs for Phosphoric Acid Manufacturing Plants	No
40 CFR Part 63, Subpart BB	NESHAPs for Phosphate Fertilizers Production Plants	No
40 CFR Part 63, Subpart CC	NESHAPs for Petroleum Refineries	No
40 CFR Part 63, Subpart DD	NESHAPs for Off-Site Waste and Recovery Operations	No
40 CFR Part 63, Subpart EE	NESHAPs for Magnetic Tape Manufacturing Operations	No

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Citation	Regulation	Applicable (Yes / No)
40 CFR Part 63, Subpart GG	NESHAPs for Aerospace Manufacturing and Rework Facilities	No
40 CFR Part 63, Subpart HH	NESHAPs for Oil and Natural Gas Production Facilities	No
40 CFR Part 63, Subpart II	NESHAPs for Shipbuilding and Ship Repair (Surface Coating)	No
40 CFR Part 63, Subpart JJ	NESHAPs for Wood Furniture Manufacturing Operations	No
40 CFR Part 63, Subpart KK	NESHAPs for the Printing and Publishing Industry	No
40 CFR Part 63, Subpart LL	NESHAPs for Primary Aluminum Reduction Plants	No
40 CFR Part 63, Subpart MM	NESHAPs for Chemical Recovery Combustion Sources at Kraft, Soda, and Sulfite, and Stand-Alone Semichemical Pulp Mills	No
40 CFR Part 63, Subpart OO	NESHAPs for Tanks - Level 1	No
40 CFR Part 63, Subpart PP	NESHAPs for Containers	No
40 CFR Part 63, Subpart QQ	NESHAPs for Surface Impoundments	No
40 CFR Part 63, Subpart RR	NESHAPs for Individual Drain Systems	No
40 CFR Part 63, Subpart SS	NESHAPs for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process	No
40 CFR Part 63, Subpart TT	NESHAPs for Equipment Leaks - Control Level 1	No
40 CFR Part 63, Subpart UU	NESHAPs for Equipment Leaks - Control Level 2 Standards	No
40 CFR Part 63, Subpart VV	NESHAPs for Oil-Water Separators and Organic-Water Separators	No
40 CFR Part 63, Subpart WW	NESHAPs for Storage Vessels (Tanks) - Control Level 2	No
40 CFR Part 63, Subpart XX	NESHAPs for Ethylene Manufacturing Process Units: Heat Exchange Systems with Waste Operations	No
40 CFR Part 63, Subpart YY	NESHAPs for Source Categories: Generic MACT Standards	No
40 CFR Part 63, Subpart CCC	NESHAPs for Steel Pickling - HCl Process Facilities and Hydrochloric Acid Regeneration Plants	No
40 CFR Part 63, Subpart DDD	NESHAPs for Mineral Wool Production	No
40 CFR Part 63, Subpart EEE	NESHAP from Hazardous Waste Combustors	No
40 CFR Part 63, Subpart GGG	NESHAPs for Pharmaceuticals Production	No
40 CFR Part 63, Subpart HHH	NESHAPs for Natural Gas Transmission and Storage Facilities	No
40 CFR Part 63, Subpart III	NESHAPs for Flexible Polyurethane Foam Production	No
40 CFR Part 63, Subpart JJJ	NESHAPs for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	No
40 CFR Part 63, Subpart LLL	NESHAPs for Portland Cement Manufacturing Industry	No
40 CFR Part 63, Subpart MMM	NESHAPs for Pesticide Active Ingredient Production	No
40 CFR Part 63, Subpart NNN	NESHAPs for Wool Fiberglass Manufacturing	No
40 CFR Part 63, Subpart OOO	NESHAPs for Manufacture of Amino/Phenolic Resins	No
40 CFR Part 63, Subpart PPP	NESHAPs for Polyether Polyols Production	No
40 CFR Part 63, Subpart QQQ	NESHAPs for Primary Copper Smelting	No
40 CFR Part 63, Subpart RRR	NESHAPs for Secondary Aluminum Production	No
40 CFR Part 63, Subpart TTT	NESHAPs for Primary Lead Smelting	No
40 CFR Part 63, Subpart UUU	NESHAPs for Petroleum Refineries (Catalytic Cracking Units, Catalytic Reforming Units, & Sulfur Recovery Units)	No
40 CFR Part 63, Subpart VVV	NESHAPs for Publicly Owned Treatment Works	No
40 CFR Part 63, Subpart XXX	NESHAPs for Ferroalloys Production: Ferromanganese and Silicomanganese	No
40 CFR Part 63, Subpart AAAA	NESHAPs for Municipal Solid Waste Landfills	No
40 CFR Part 63, Subpart CCCC	NESHAPs for Manufacturing Nutritional Yeast	No

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Citation	Regulation	Applicable (Yes / No)
40 CFR Part 63, Subpart DDDD	NESHAPs for Plywood and Composite Wood Products	No
40 CFR Part 63, Subpart EEEE	NESHAPs for Organic Liquids Distribution (Non-Gasoline)	No
40 CFR Part 63, Subpart FFFF	NESHAPs for Miscellaneous Organic Chemical Manufacturing (MON)	No
40 CFR Part 63, Subpart GGGG	NESHAPs for Solvent Extraction for Vegetable Oil Production	No
40 CFR Part 63, Subpart HHHH	NESHAPs for Wet-Formed Fiberglass Mat Production	No
40 CFR Part 63, Subpart IIII	NESHAPs for Surface Coating of Automobiles and Light-Duty Trucks	No
40 CFR Part 63, Subpart JJJJ	NESHAPs for Paper and other Web Coating	No
40 CFR Part 63, Subpart KKKK	NESHAPs for Surface Coating of Metal Cans	No
40 CFR Part 63, Subpart MMMM	NESHAPs for Surface Coating of Miscellaneous Metal Parts and Products	No
40 CFR Part 63, Subpart NNNN	NESHAPs for Surface Coating of Large Appliances	No
40 CFR Part 63, Subpart OOOO	NESHAPs for Printing, Coating, and Dyeing of Fabrics and Other Textiles	No
40 CFR Part 63, Subpart PPPP	NESHAPs for Surface Coating of Plastic Parts and Products	No
40 CFR Part 63, Subpart QQQQ	NESHAPs for Surface Coating of Wood Building Products	No
40 CFR Part 63, Subpart RRRR	NESHAPs for Surface Coating of Metal Furniture	No
40 CFR Part 63, Subpart SSSS	NESHAPs for Surface Coating of Metal Coil	No
40 CFR Part 63, Subpart TTTT	NESHAPs for Leather Finishing Operations	No
40 CFR Part 63, Subpart UUUU	NESHAPs for Cellulose Products Manufacturing	No
40 CFR Part 63, Subpart VVVV	NESHAPs for Boat Manufacturing	No
40 CFR Part 63, Subpart WWWW	NESHAPs for Reinforced Plastic Composites Production	No
40 CFR Part 63, Subpart XXXX	NESHAPs for Rubber Tire Manufacturing	No
40 CFR Part 63, Subpart YYYY	NESHAPs for Stationary Combustion Turbines	No
40 CFR Part 63, Subpart ZZZZ	NESHAPs for Stationary Reciprocating Internal Combustion Engines	Yes
40 CFR Part 63, Subpart AAAAA	NESHAPs for Lime Manufacturing Plants	No
40 CFR Part 63, Subpart BBBB	NESHAPs for Semiconductor Manufacturing	No
40 CFR Part 63, Subpart CCCCC	NESHAPs for Coke Ovens: Pushing, Quenching, and Battery Stacks	No
40 CFR Part 63, Subpart DDDDD	NESHAPs for Industrial, Commercial, and Institutional Boilers and Process Heaters at Major Sources	No
40 CFR Part 63, Subpart EEEEE	NESHAPs for Iron and Steel Foundries	No
40 CFR Part 63, Subpart FFFFF	NESHAPs for Integrated Iron and Steel Manufacturing Facilities	No
40 CFR Part 63, Subpart GGGGG	NESHAPs for Site Remediation	No
40 CFR Part 63, Subpart HHHHH	NESHAPs for Miscellaneous Coating Manufacturing	No
40 CFR Part 63, Subpart IIIII	NESHAPs for Mercury Emissions from Mercury Cell Chlor-Alkali Plants	No
40 CFR Part 63, Subpart JJJJJ	NESHAPs for Brick and Structural Clay Products Manufacturing	No
40 CFR Part 63, Subpart KKKKK	NESHAPs for Clay Ceramics Manufacturing	No
40 CFR Part 63, Subpart LLLLL	NESHAPs for Asphalt Processing and Asphalt Roofing Manufacturing	No
40 CFR Part 63, Subpart MMMMM	NESHAPs for Flexible Polyurethane Foam Fabrication Operations	No
40 CFR Part 63, Subpart NNNNN	NESHAPs for Hydrochloric Acid Production	No
40 CFR Part 63, Subpart PPPPP	NESHAPs for Engine Test Cells/Stands	No
40 CFR Part 63, Subpart QQQQQ	NESHAPs for Friction Materials Manufacturing Facilities	No
40 CFR Part 63, Subpart RRRRR	NESHAPs for Taconite Iron Ore Processing	No
40 CFR Part 63, Subpart SSSSS	NESHAPs for Refractory Products Manufacturing	No
40 CFR Part 63, Subpart TTTTT	NESHAPs for Primary Magnesium Refining	No
40 CFR Part 63, Subpart UUUUU	NESHAPs for Coal- and Oil-Fired Electric Utility Steam Generating Units	Yes

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Citation	Regulation	Applicable (Yes / No)
40 CFR Part 63, Subpart WWWW	NESHAPs for Hospital Ethylene Oxide Sterilizers	No
40 CFR Part 63, Subpart YYYYY	NESHAPs for Area Sources: Electric Arc Furnace Steelmaking Facilities	No
40 CFR Part 63, Subpart ZZZZ	NESHAPs for Iron and Steel Foundries Area Sources	No
40 CFR Part 63, Subpart BBBB	NESHAPs for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	No
40 CFR Part 63, Subpart CCCCC	NESHAPs for Source Category: Gasoline Dispensing Facilities	No
40 CFR Part 63, Subpart DDDDD	NESHAPs for Polyvinyl Chloride and Copolymers Production Area Sources	No
40 CFR Part 63, Subpart EEEEE	NESHAPs for Primary Copper Smelting Area Sources	No
40 CFR Part 63, Subpart FFFFF	NESHAPs for Secondary Copper Smelting Area Sources	No
40 CFR Part 63, Subpart GGGGG	NESHAPs for Primary Nonferrous Metals Area Sources - Zinc, Cadmium, and Beryllium	No
40 CFR Part 63, Subpart HHHHH	NESHAPs for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources	No
40 CFR Part 63, Subpart JJJJJ	Area Source NESHAP: Industrial, Commercial, and Institutional Boilers	No
40 CFR Part 63, Subpart LLLLL	NESHAPs for Acrylic and Modacrylic Fibers Production Area Sources	No
40 CFR Part 63, Subpart MMMMM	NESHAPs for Carbon Black Production Area Sources	No
40 CFR Part 63, Subpart NNNNN	NESHAPs for Chemical Manufacturing Area Sources: Chromium Compounds	No
40 CFR Part 63, Subpart OOOOO	NESHAPs for Flexible Polyurethane Foam Production and Fabrication Area Sources	No
40 CFR Part 63, Subpart PPPPP	NESHAPs for Lead Acid Battery Manufacturing Area Sources	No
40 CFR Part 63, Subpart QQQQQ	NESHAPs for Wood Preserving Area Sources	No
40 CFR Part 63, Subpart RRRRR	NESHAPs for Clay Ceramics Manufacturing Area Sources	No
40 CFR Part 63, Subpart SSSSS	NESHAPs for Glass Manufacturing Area Sources	No
40 CFR Part 63, Subpart TTTTT	NESHAPs for Secondary Nonferrous Metals Processing Area Sources	No
40 CFR Part 63, Subpart VVVVV	NESHAPs for Chemical Manufacturing Area Sources	No
40 CFR Part 63, Subpart WWWW	NESHAPs: Area Source Standards for Plating and Polishing Operations	No
40 CFR Part 63, Subpart XXXXX	NESHAPs for Nine Metal Fabrication and Finishing Source Categories	No
40 CFR Part 63, Subpart YYYYY	NESHAPs for Area Sources: Ferroalloys Production Facilities	No
40 CFR Part 63, Subpart ZZZZZ	NESHAPs for Area Sources: Aluminum, Copper, and Other Nonferrous Foundries	No
40 CFR Part 63, Subpart AAAAA	NESHAPs for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing	No
40 CFR Part 63, Subpart BBBB	NESHAPs for Area Sources: Chemical Preparations Industry	
40 CFR Part 63, Subpart CCCCC	NESHAPs for Area Sources: Paint and Allied Products Manufacturing	No
40 CFR Part 63, Subpart DDDDD	NESHAPs for Area Sources: Prepared Feeds Manufacturing	No
40 CFR Part 64	Compliance Assurance Monitoring	Yes
40 CFR Part 65	Consolidated Federal Air Rule	No
40 CFR Part 66	Assessment and Collection of Noncompliance Penalties by EPA	Potentially
40 CFR Part 67	Delegation of State Noncompliance Penalty Program	Potentially

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Citation	Regulation	Applicable (Yes / No)
40 CFR Part 68	Chemical Accident Prevention Provisions	Yes
40 CFR Part 69	Special Exemptions from the Clean Air Act	No
40 CFR Part 70	State Operating Permit Programs	Yes
40 CFR Part 71	Federal Operating Permit Programs	No
40 CFR Part 72	Permits Regulation - Acid Rain Program	Yes
40 CFR Part 73	SO2 Allowance System	Yes
40 CFR Part 74	SO2 Opt-ins	No
40 CFR Part 75	Continuous Emission Monitoring	Yes
40 CFR Part 76	Acid Rain Nitrogen Oxides Emission Reduction Program	Yes
40 CFR Part 77	Excess Emissions	Potentially
40 CFR Part 78	Appeals Procedures	Potentially
40 CFR Part 79	Registration of Fuels and Fuel Additives	No
40 CFR Part 80	Regulation of Fuels and Fuel Additives	No
40 CFR Part 81	Designation of Areas for Air Quality Planning Purposes	Yes
40 CFR Part 82, Subpart A	Stratospheric Ozone - Production and Consumption Controls	No
40 CFR Part 82, Subpart B	Stratospheric Ozone - Servicing of Motor Vehicle Air Conditioners	No
40 CFR Part 82, Subpart C	Stratospheric Ozone - Ban on Nonessential Products	No
40 CFR Part 82, Subpart D	Stratospheric Ozone - Federal Procurement	No
40 CFR Part 82, Subpart E	Stratospheric Ozone - The Labeling of Products Using Ozone-Depleting Substances	No
40 CFR Part 82, Subpart F	Stratospheric Ozone - Recycling and Emissions Reduction	Yes
40 CFR Part 82, Subpart G	Stratospheric Ozone - Significant New Alternatives Policy (SNAP) Program	No
40 CFR Part 82, Subpart H	Stratospheric Ozone - Halon Emissions Reduction	No
40 CFR Part 82, Subpart I	Stratospheric Ozone - Ban on Refrigeration and Air-Conditioning Appliances Containing HCFCs	No
40 CFR Part 85	Control of Air Pollution from Mobile Sources	No
40 CFR Part 86	Control of Emissions from New and In-use Highway Vehicles and Engines	No
40 CFR Part 87	Control of Air Pollution from Aircraft and Aircraft Engines	No
40 CFR Part 88	Clean-fuel Vehicles	No
40 CFR Part 89	Control of Emissions from New and In-use Nonroad Compression-Ignition Engines	No
40 CFR Part 90	Control of Emissions from Nonroad Spark-Ignition Engines at or below 19 kW	No
40 CFR Part 91	Control of Emissions from Marine Spark-Ignition Engines	No
40 CFR Part 92	Control of Air Pollution from Locomotives and Locomotive Engines	No
40 CFR Part 93	Determining Conformity of Federal Actions to State or Federal Implementation Plans	No
40 CFR Part 94	Control of Air Pollution from Marine Compression-Ignition Engines	No
40 CFR Part 95	Mandatory Patent Licenses	Potentially
40 CFR Part 96	NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs for State Implementation Plans - NOx Budget Trading	No
40 CFR Part 96	NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs for State Implementation Plans - CAIR	Yes

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Citation	Regulation	Applicable (Yes / No)
40 CFR Part 97	Federal NOx Budget Trading Program and CAIR NOx and SO2 Trading Programs	Yes
40 CFR Part 241	Definition of Solid Waste Rule	No
SC DHEC Regulation 61-62.1	Section I - Definitions	No
SC DHEC Regulation 61-62.1	Section II - Permit Requirements	Yes
SC DHEC Regulation 61-62.1	Section III - Emissions Inventory	Yes
SC DHEC Regulation 61-62.2	Prohibition of Open Burning	No
SC DHEC Regulation 61-62.3	Air Pollution Episodes	Potentially
SC DHEC Regulation 61-62.4	Hazardous Air Pollution Conditions	Potentially
SC DHEC Regulation 62.5, Standard No. 1	(1) Section I - Fuel Burning Operations, Visible Emissions	Yes
SC DHEC Regulation 62.5, Standard No. 1	(2) Section II - Fuel Burning Operations, Particulate Matter Emissions	Yes
SC DHEC Regulation 62.5, Standard No. 1	(3) Section III - Fuel Burning Operations, Sulfur Dioxide Emissions	Yes
SC DHEC Regulation 62.5, Standard No. 1	(4) Section IV - Fuel Burning Operations, Opacity Monitoring Requirements	Yes
SC DHEC Regulation 62.5, Standard No. 1	(5) Section V - Fuel Burning Operations, Exemptions	No
SC DHEC Regulation 62.5, Standard No. 1	(6) Section VI - Fuel Burning Operations, Periodic Testing	Yes
SC DHEC Regulation 61-62.5, Standard No. 2	Ambient Air Quality Standards	Yes
SC DHEC Regulation 61-62.5, Standard No. 3	(1) Section I - Waste Combustion, Applicability	Potentially
SC DHEC Regulation 61-62.5, Standard No. 3	(2) Section II - Waste Combustion, General	No
SC DHEC Regulation 61-62.5, Standard No. 3	(3) Section III - Waste Combustion, Emission Limitations and Operating Requirements	Yes
SC DHEC Regulation 61-62.5, Standard No. 3	(4) Section IV - Waste Combustion, Notification Requirements	No
SC DHEC Regulation 61-62.5, Standard No. 3	(5) Section V - Waste Combustion, Waste Analysis	Potentially
SC DHEC Regulation 61-62.5, Standard No. 3	(6) Section VI - Waste Combustion, Continuous Monitoring Requirements	No
SC DHEC Regulation 61-62.5, Standard No. 3	(7) Section VII - Waste Combustion, Calibration and Quality Assurance of Monitoring Devices	No
SC DHEC Regulation 61-62.5, Standard No. 3	(8) Section VIII - Waste Combustion, Periodic Testing	No
SC DHEC Regulation 61-62.5, Standard No. 3	(9) Section IX - Waste Combustion, Operator Training Requirements	No
SC DHEC Regulation 61-62.5, Standard No. 3.1	Hospital, Medical, Infectious Waste Incinerators (HMIWI)	No

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Citation	Regulation	Applicable (Yes / No)
SC DHEC Regulation 61-62.5, Standard No. 4	(1) Section I - Process Industry, Emissions from Process Industries, General	Yes
SC DHEC Regulation 61-62.5, Standard No. 4	(2) Section II - Process Industry, Sulfuric Acid Manufacturing	No
SC DHEC Regulation 61-62.5, Standard No. 4	(3) Section III - Process Industry, Kraft Pulp & Paper Manufacturing	No
SC DHEC Regulation 61-62.5, Standard No. 4	(4) Section IV - Process Industry, Portland Cement Manufacturing	No
SC DHEC Regulation 61-62.5, Standard No. 4	(5) Section V - Process Industry, Cotton Gins	No
SC DHEC Regulation 61-62.5, Standard No. 4	(6) Section VI - Process Industry, Hot Mix Asphalt Manufacturing	No
SC DHEC Regulation 61-62.5, Standard No. 4	(7) Section VII - Process Industry, Metal Refining	No
SC DHEC Regulation 61-62.5, Standard No. 4	(8) Section VIII - Process Industry, Other Manufacturing	Yes
SC DHEC Regulation 61-62.5, Standard No. 4	(9) Section IX - Process Industry, Visible Emissions (Where Not Specified Elsewhere)	Yes
SC DHEC Regulation 61-62.5, Standard No. 4	(10) Section X - Process Industry, Non-Enclosed Operations	Yes
SC DHEC Regulation 61-62.5, Standard No. 4	(11) Section XI - Process Industry, Total Reduced Sulfur Emissions of Kraft Pulp Mills	No
SC DHEC Regulation 61-62.5, Standard No. 4	(12) Section XII - Process Industry, Periodic Testing	No
SC DHEC Regulation 61-62.5, Standard No. 4	(13) Section XIII - Process Industry, Reserved	Potentially
SC DHEC Regulation 61-62.5, Standard No. 5	(1) Section I - Volatile Organic Compounds, General Provisions	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2A) Section II.A. - Volatile Organic Compounds, Surface Coating of Cans	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2B) Section II.B. - Volatile Organic Compounds, Surface Coating of Coils	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2C) Section II.C. - Volatile Organic Compounds, Surface Coating of Paper, Vinyl, and Fabric	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2D) Section II.D. - Volatile Organic Compounds, Surface Coating of Metal Furniture and Large Appliances	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2E) Section II.E. - Volatile Organic Compounds, Surface Coating of Magnet Wire	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2F) Section II.F. - Volatile Organic Compounds, Surface Coating of Miscellaneous Metal Parts and Products	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2G) Section II.G. - Volatile Organic Compounds, Flatwood Paneling	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2H) Section II.H. - Volatile Organic Compounds, Graphic Arts	No

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SC DHEC Regulation 61-62.5, Standard No. 5	(2N) Section II.N. - Volatile Organic Compounds, Solvent Metal Cleaning	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2O) Section II.O. - Volatile Organic Compounds, Petroleum Liquid Storage in Fixed Roof Tanks	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2P) Section II.P. - Volatile Organic Compounds, Petroleum Liquid Storage in External Floating Roof Tanks	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2Q) Section II.Q. - Volatile Organic Compounds, Manufacture of Synthesized Pharmaceutical Products	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2R) Section II.R. - Volatile Organic Compounds, Manufacture of Pneumatic Rubber Tires	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2S) Section II.S. - Volatile Organic Compounds, Cutback Asphalt	No
SC DHEC Regulation 61-62.5, Standard No. 5	(2T) Section II.T. - Volatile Organic Compounds, Bulk Gasoline Terminals and Vapor Collection System	No
SC DHEC Regulation 61-62.5, Standard No. 5.1	Sections I-IV - BACT/LAER Applicable to Volatile Organic Compounds	Yes
SC DHEC Regulation 61-62.5, Standard No. 5.2	Sections I-VI - Control of Oxides of Nitrogen	No
SC DHEC Regulation 61-62.5, Standard No. 6	Sections I-V - Alternative Emission Limitation Options	No
SC DHEC Regulation 61-62.5, Standard No. 7	Prevention of Significant Deterioration	No
SC DHEC Regulation 61-62.5, Standard No. 7.1	Non-attainment New Source Review	No
SC DHEC Regulation 61-62.5, Standard No. 8	Sections I- V - Toxic Air Pollutants	No
SC DHEC Regulation 61-62.6	(1) Section I - Fugitive Particulate Matter, Control of Fugitive Particulate Matter in Non-Attainment Areas	No
SC DHEC Regulation 61-62.6	(2) Section II - Fugitive Particulate Matter, Control of Fugitive Particulate Matter in Problem Areas	No
SC DHEC Regulation 61-62.6	(3) Section III - Fugitive Particulate Matter, Control of Fugitive Particulate Matter Statewide	Yes
SC DHEC Regulation 61-62.7	Sections I - IV - Good Engineering Practice Stack Height	Yes
SC DHEC Regulation 61-62.60	South Carolina NSPS	Yes
SC DHEC Regulation 61-62.61	South Carolina Part 61 NESHAP	Potentially
SC DHEC Regulation 61-62.63	South Carolina Part 63 NESHAP	Yes
SC DHEC Regulation 61-62.68	Chemical Accident Prevention Provisions	Yes
SC DHEC Regulation 61-62.70	Title V Operating Permit Program	Yes
SC DHEC Regulation 61-62.72	Acid Rain Program	Yes
SC DHEC Regulation 61-62.96	Clean Air Interstate Rule	Yes
SC DHEC Regulation 61-62.99	Oxides of Nitrogen Budget Requirements for Stationary Sources Not in the Trading Program	No

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State of South Carolina Acid Rain Permit

Issued to: SCPSA Winyah Generating Station
Operated by: Santee Cooper
ORIS code: 006429
Permit No.: TIV-1140-0005
Issue Date: October 2, 2014
Effective Date: January 1, 2015
Expiration Date: December 31, 2019

Acid Rain Permit Contents:

- 1) Statement of Basis
- 2) SO₂ Allowance Allocation and NO_x Requirements for Each Affected Unit.
- 3) Permit Revisions
- 4) The permit application submitted for this source, as corrected by South Carolina Department of Health and Environmental Control. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

1) Statement of Basis:

In accordance with the provisions of the Federal Clean Air Act as amended in 1990, the Pollution Control Act, Sections 48-1-50(5) and 48-1-110(a) and Titles IV and V of the Clean Air Act, the South Carolina Department of Health and Environmental Control issues this permit pursuant to the 1976 Code of Laws of South Carolina, as amended, Regulation 61-62.

2) SO₂ Allowance Allocations and NO_x Requirements for Each Affected Unit:

SO₂ Allowance Allocations * (Under Tables 2, 3, or 4 of 40 CFR Part 73)				
Emission Unit ID	Equipment ID	2000 - 2009	2010 and Beyond	Additional Requirements
01	B01	7,572	7,588	-
02	B02	6,232	5,128	-
03	B03	3,609	2,508	-
04	B04	3,426	3,433	-

* The number of allowances actually held by an effected source in a unit account may differ from the number allocated by U. S. EPA. If so, a revision to the unit SO₂ allowance allocations identified in this permit is not necessary. (See 40 CFR 72.84)

NO_x Emission Limitations (On an Annual Average Basis)			
Emission Unit ID	Equipment ID	lb/10⁶ Btu of Heat Input	Additional Requirements

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NO_x Emission Limitations (On an Annual Average Basis)			
Emission Unit ID	Equipment ID	lb/10⁶ Btu of Heat Input	Additional Requirements
001	B01	0.46	<p>Pursuant to 40 CFR 76.7(a)(1), this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR 75, shall not exceed the applicable emission limitation of 0.46 lb/MMBTU for tangentially fired boilers.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions..</p>
002	B02	0.46	<p>Pursuant to 40 CFR 76.7(a)(1), this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR 75, shall not exceed the applicable emission limitation of 0.46 lb/MMBTU for dry bottom wall-fired boilers.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>
003	B03	0.46	<p>Pursuant to 40 CFR 76.7(a)(2), this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR 75, shall not exceed the applicable emission limitation of 0.46 lb/MMBTU for dry bottom wall-fired boilers.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>
004	B04	0.46	<p>Pursuant to 40 CFR 76.7(a)(1), this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR 75, shall not exceed the applicable emission limitation of 0.46 lb/MMBTU for dry bottom wall-fired boilers.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>

3) Permit Revisions:

RECORD OF REVISIONS			
Revision Number	Final Revision Date	Type of Revision (AA, MM, SM)	Description of Change (Specific Parts, Sections, and Tables Revised or Added)

- AA = Administrative Amendment
- MM = Minor Modification
- SM = Significant Modification

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Send copies of all revisions to Title V File, Regional EQC Office, US EPA, and Environmental Contact.

4) Permit Application and Compliance Plan:

The acid rain permit application and compliance plan are incorporated into the permit and constitutes an enforceable part of the permit.

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South Carolina CAIR Permit

(for sources covered under the South Carolina CAIR SIP)

For more information, refer to:

40 CFR 96.121, 96.122, 96.221, 96.222, 96.321, 96.322, and South Carolina Regulation 61-62.96.

STEP 1

Identify the source by plant name, State, and ORIS or facility code

SCPSA Winyah Generating Station	SC	006429
Plant Name	State	ORIS/Facility Code

STEP 2

Identify the unit ID# for each CAIR unit and indicate to which CAIR programs each unit is subject (by placing an "X" in the column)

Unit ID#	NO _x Annual	SO ₂	NO _x Ozone Season
1	X	X	X
2	X	X	X
3	X	X	X
4	X	X	X

STEP 3

Identify the standard requirements.

Standard Requirements

(a) Permit Requirements.

(1) The CAIR designated representative of each CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) required to have a title V operating permit and each CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) required to have a title V operating permit at the source shall:

(i) Submit to the South Carolina Department of Health and Environmental Control a complete CAIR permit application under §96.122, §96.222, and §96.322 (as applicable) in accordance with the deadlines specified in §96.121, §96.221, and §96.321 (as applicable); and

(ii) Submit in a timely manner any supplemental information that the South Carolina Department of Health and Environmental Control determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.

(2) The owners and operators of each CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) required to have a title V operating permit and each CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) required to have a title V operating permit at the source shall have a CAIR permit issued by the South Carolina Department of Health and Environmental Control under subpart CC, CCC, and CCCC (as applicable) of 40 CFR part 96 for the source and operate the source and the unit in compliance with such CAIR permit.

(3) Except as provided in subpart II, III, and IIII (as applicable) of 40 CFR part 96, the owners and operators of a CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) that is not otherwise required to have a title V operating permit and each CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) that is not otherwise required to have a title V operating permit are not required to submit a CAIR permit application, and to have a CAIR permit, under subpart CC, CCC, and CCCC (as applicable) of 40 CFR part 96 for such CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) and such CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable).

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(b) Monitoring, reporting, and recordkeeping requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) and each CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) at the source shall comply with the monitoring, reporting, and recordkeeping requirements of subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96.

(2) The emissions measurements recorded and reported in accordance with subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96 shall be used to determine compliance by each CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) with the CAIR NO_x emissions limitation, CAIR SO₂ emissions limitation, and CAIR NO_x Ozone Season emissions limitation (as applicable) under paragraph (c) of §96.106, §96.206, and §96.306 (as applicable).

(c) Nitrogen oxides emissions requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x source and each CAIR NO_x unit at the source shall hold, in the source's compliance account, CAIR NO_x allowances available for compliance deductions for the control period under §96.154(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NO_x units at the source, as determined in accordance with subpart HH of 40 CFR part 96.

(2) A CAIR NO_x unit shall be subject to the requirements under paragraph (c)(1) of §96.106 for the control period starting on the later of January 1, 2009 or the deadline for meeting the unit's monitor certification requirements under §96.170(b)(1), (2), or (5) and for each control period thereafter.

(3) A CAIR NO_x allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of §96.106, for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated.

(4) CAIR NO_x allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Allowance Tracking System accounts in accordance with subparts FF, GG, and II of 40 CFR part 96.

(5) A CAIR NO_x allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NO_x Annual Trading Program. No provision of the CAIR NO_x Annual Trading Program, the CAIR permit application, the CAIR permit, or an exemption under §96.105 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

(6) A CAIR NO_x allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart EE, FF, GG, or II of 40 CFR part 96, every allocation, transfer, or deduction of a CAIR NO_x allowance to or from a CAIR NO_x source's compliance account is incorporated automatically in any CAIR permit of the source that includes the CAIR NO_x unit.

Sulfur dioxide emission requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall hold, in the source's compliance account, a tonnage equivalent of CAIR SO₂ allowances available for compliance deductions for the control period under §96.254(a) and (b) not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO₂ units at the source, as determined in accordance with subpart HHH of 40 CFR part 96.

(2) A CAIR SO₂ unit shall be subject to the requirements under paragraph (c)(1) of §96.206 for the control period starting on the later of January 1, 2010 or the deadline for meeting the unit's monitor certification requirements under §96.270(b)(1), (2), or (5) and for each control period thereafter.

(3) A CAIR SO₂ allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of §96.206, for a control period in a calendar year before the year for which the CAIR SO₂ allowance was allocated.

(4) CAIR SO₂ allowances shall be held in, deducted from, or transferred into or among CAIR SO₂ Allowance Tracking System accounts in accordance with subparts FFF, GGG, and III of 40 CFR part 96.

(5) A CAIR SO₂ allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR SO₂ Trading Program. No provision of the CAIR SO₂ Trading Program, the CAIR permit application, the

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CAIR permit, or an exemption under §96.205 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

(6) A CAIR SO₂ allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart FFF, GGG, or III of 40 CFR part 96, every allocation, transfer, or deduction of a CAIR SO₂ allowance to or from a CAIR SO₂ source's compliance account is incorporated automatically in any CAIR permit of the source that includes the CAIR SO₂ unit.

Nitrogen oxides ozone season emissions requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x Ozone Season source and each CAIR NO_x Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NO_x Ozone Season allowances available for compliance deductions for the control period under §96.354(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NO_x Ozone Season units at the source, as determined in accordance with subpart HHHH of 40 CFR part 96.

(2) A CAIR NO_x Ozone Season unit shall be subject to the requirements under paragraph (c)(1) of §96.306 for the control period starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under §96.370(b)(1), (2), (3) or (7) and for each control period thereafter.

(3) A CAIR NO_x Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of §96.306, for a control period in a calendar year before the year for which the CAIR NO_x Ozone Season allowance was allocated.

(4) CAIR NO_x Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Ozone Season Allowance Tracking System accounts in accordance with subparts FFFF, GGGG, and IIII of 40 CFR part 96.

(5) A CAIR NO_x allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NO_x Ozone Season Trading Program. No provision of the CAIR NO_x Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under §96.305 and no provision of law shall be construed to limit the authority of the State or the United States to terminate or limit such authorization.

(6) A CAIR NO_x allowance does not constitute a property right.

(7) Upon recordation by the Administrator under subpart EEEE, FFFF, GGGG, or IIII of 40 CFR part 96, every allocation, transfer, or deduction of a CAIR NO_x Ozone Season allowance to or from a CAIR NO_x Ozone Season source's compliance account is incorporated automatically in any CAIR permit of the source.

(d) Excess emissions requirements.

If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, then:

(1) The owners and operators of the source and each CAIR NO_x unit at the source shall surrender the CAIR NO_x allowances required for deduction under §96.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart, the Clean Air Act, and applicable State law.

If a CAIR SO₂ source emits sulfur dioxide during any control period in excess of the CAIR SO₂ emissions limitation, then:

(1) The owners and operators of the source and each CAIR SO₂ unit at the source shall surrender the CAIR SO₂ allowances required for deduction under §96.254(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

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(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart, the Clean Air Act, and applicable State law.

If a CAIR NO_x Ozone Season source emits nitrogen oxides during any control period in excess of the CAIR NO_x Ozone Season emissions limitation, then:

(1) The owners and operators of the source and each CAIR NO_x Ozone Season unit at the source shall surrender the CAIR NO_x Ozone Season allowances required for deduction under §96.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and

(2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart, the Clean Air Act, and applicable State law.

(e) Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) and each CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) 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 before the end of 5 years, in writing by the South Carolina Department of Health and Environmental Control or the Administrator.

(i) The certificate of representation under §96.113, §96.213, and §96.313 (as applicable) for the CAIR designated representative for the source and each CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) at the source and all documents that demonstrate the truth of the statements in the certificate of representation; 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 certificate of representation under §96.113, §96.213, and §96.313 (as applicable) changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96, provided that to the extent that subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96 provides for a 3-year period for recordkeeping, the 3-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, and CAIR NO_x Ozone Season Trading Program (as applicable).

(iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, and CAIR NO_x Ozone Season Trading Program (as applicable) or to demonstrate compliance with the requirements of the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, and CAIR NO_x Ozone Season Trading Program (as applicable).

(2) The CAIR designated representative of a CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) and each CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) at the source shall submit the reports required under the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, and CAIR NO_x Ozone Season Trading Program (as applicable) including those under subparts HH, HHH, and HHHH (as applicable) of 40 CFR part 96.

(f) Liability.

(1) Each CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) and each NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) shall meet the requirements of the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, and CAIR NO_x Ozone Season Trading Program (as applicable).

(2) Any provision of the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, and CAIR NO_x Ozone Season Trading Program (as applicable) that applies to a CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) or the CAIR designated representative of a CAIR NO_x

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source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) shall also apply to the owners and operators of such source and of the CAIR NO_x units, CAIR SO₂ units, and CAIR NO_x Ozone Season units (as applicable) at the source.

(3) Any provision of the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, and CAIR NO_x Ozone Season Trading Program (as applicable) that applies to a CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) or the CAIR designated representative of a CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) shall also apply to the owners and operators of such unit.

(g) Effect on Other Authorities.

No provision of the CAIR NO_x Annual Trading Program, CAIR SO₂ Trading Program, and CAIR NO_x Ozone Season Trading Program (as applicable), a CAIR permit application, a CAIR permit, or an exemption under § 96.105, §96.205, and §96.305 (as applicable) shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO_x source, CAIR SO₂ source, and CAIR NO_x Ozone Season source (as applicable) or CAIR NO_x unit, CAIR SO₂ unit, and CAIR NO_x Ozone Season unit (as applicable) from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.