



S.C. Department of Health and
Environmental Control

Bureau of Air Quality Title V Operating Permit

**South Carolina Electric & Gas Company – A.M. Williams Station
2242 Bushy Park Road
Goose Creek, South Carolina 29445-1767
Berkeley 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 October 1, 2013, 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-0420-0006

Issue Date:	October 11, 2016	Effective Date:	January 1, 2017
Expiration Date:	December 31, 2021	Renewal Due Date:	June 30, 2021

A handwritten signature in black ink, appearing to read "Elizabeth J. Basil".

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

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 2 of 46

RECORD OF REVISIONS		
Date	Type	Description of Change

AA Administrative Amendment
MM Minor Modification
SM Significant Modification

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 3 of 46

A. EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description
01	Utility Boiler No. 1
02	Auxiliary Boiler No. 1
03	Auxiliary Boiler No. 2
04	Combustion Turbine No. 1
05	Combustion Turbine No. 2
06	VOID – EG1 Powerhouse emergency diesel generator (insignificant activity)
07	VOID – EG2 Combustion Turbine emergency diesel generator (insignificant activity)
08	VOID – EG3 Diesel-fired emergency fire water pump (insignificant activity)
09	Coal Handling Operations
10	Fly Ash Silo No. 1
11	Fly Ash Silo No. 2
12	VOID – ST8 Lubrication Oil Storage Tank (insignificant activity)
13	Gypsum Handling Operations
14	Limestone Handling Operations
15	Marine Barge Bulk Material Handling Operations
16	Chem-Mod System

B. EQUIPMENT AND CONTROL DEVICE(S)

B.1 EQUIPMENT FOR EMISSION UNIT ID 01 – Utility Boiler No. 1

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
UB1	5,500 million Btu/hr nominally rated Coal/Synfuel/Petroleum Coke/No. 2 Fuel Oil/On-Spec Used Oil Tangential Water-Wall Fired Boiler	1969*/1979	CD-ESP CD-FGD CD-SCR	UB1

*The Boiler became commercially available on July 12, 1973.

B.2 CONTROL DEVICE(S) FOR EMISSION UNIT ID 01 – Utility Boiler No. 1

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
CD-ESP	Electrostatic Precipitator	1983	PM, PM ₁₀ , PM _{2.5}
CD-FGD	Wet Flue Gas Desulfurization	2007	SO ₂
CD-SCR	Selective Catalytic Reduction (voluntary)	2002	NO _x

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 4 of 46

B.3 EQUIPMENT FOR EMISSION UNIT ID 02 – Auxiliary Boiler No. 1

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
AB1	181.6 million Btu/hr nominally rated No. 2 Fuel Oil/Natural Gas Fired Auxiliary Boiler	1970	None	AB

B.4 EQUIPMENT FOR EMISSION UNIT ID 03 – Auxiliary Boiler No. 2

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
AB2	181.6 million Btu/hr nominally rated No. 2 Fuel Oil/Natural Gas Fired Auxiliary Boiler	1970	None	AB

B.5 EQUIPMENT FOR EMISSION UNIT ID 04 – Combustion Turbine No. 1

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
CT1	Simple cycle combustion turbine with a nominally rated heat input of 320 million Btu/hr and 26.1 MW output (burning No. 2 fuel oil) and 361.8 million Btu/hr heat input and 26.8 MW output (burning natural gas)	1972	None	CT1

B.6 EQUIPMENT FOR EMISSION UNIT ID 05 – Combustion Turbine No. 2

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
CT2	Simple cycle combustion turbine with a nominally rated heat input of 320 million Btu/hr and 26.1 MW output (burning No. 2 fuel oil) and 361.8 million Btu/hr heat input and 26.8 MW output (burning natural gas)	1972	None	CT2

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 5 of 46

B.7 EQUIPMENT FOR EMISSION UNIT ID 09 – Coal Handling Operations

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
BD	Coal pile bulldozer, 800 tons per hour capacity	1984	None	N/A
BH	Bunker House, 800 tons per hour capacity	1984	None	CH9
BC5	Belt Conveyor 5, enclosed, 48" wide, 2500 tons per hour capacity	1984	None	N/A
BC7	Stackout Conveyor, enclosed, 48" wide, 2500 tons per hour capacity	1984	None	CH3
BC8	Crusher Conveyor enclosed, 48" wide, 2500 tons per hour capacity	1984	None	N/A
BC9	Emergency Reclaimer Conveyor, 800 tons per hour capacity	1984	None	CH8
BC10	Tripper Conveyor 10, 800 tons per hour capacity	1984/2013	None	N/A
BC11	Tripper Conveyor 11, 800 tons per hour capacity	1984/2013	None	N/A
CH	Crusher House, 800 tons per hour capacity	1984/2013	None	CH7
CP	Open storage coal pile, 480,000 ton capacity	1984	None	CH10
SH	Sample House, enclosed, 2500 tons per hour capacity	1984	None	CH2
SR	Stacker/Reclaimer Conveyor, 2500 tons per hour stack capacity, 800 tons per hour reclaim capacity	1984	None	CH5
ST	Stacker/Reclaimer Tower, 2500 tons per hour capacity	1984	None	CH4
TH	Track Hopper House – Railcar Unloading Station, enclosed, 2500 coal tons per hour capacity	1984	None	CH1

N/A = Not Applicable

B.8 EQUIPMENT FOR EMISSION UNIT ID 10- Fly Ash Silo No. 1

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
SIL1	Fly Ash Silo 1, 40 tons per hour (truck loadout capability), with dust collector	1984	None	FA1

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 6 of 46

B.9 EQUIPMENT FOR EMISSION UNIT ID 11 – Fly Ash Silo No. 2

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
SIL2	Fly Ash Silo 2, 40 tons per hour (truck loadout capability), with dust collector	1984	None	FA2

B.10 EQUIPMENT FOR EMISSION UNIT ID 13 – Gypsum Handling Operations

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
GH1	Gypsum Stackout Conveyor, rated at 200 tons per hour	2007	None	GH1
GH2	Gypsum Pile Load-in, rated at 200 tons per hour	2007	None	GH2
GH3	Gypsum Storage Pile	2007	None	
GH4	Gypsum Pile Maintenance	2007	None	
GH5	Gypsum Truck Load-out, rated at 200 tons per hour	2007	None	GH6
GH6	Gypsum Haul Road (paved)	2007	None	

B.11 EQUIPMENT FOR EMISSION UNIT ID 14- Limestone Handling Operations

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
LH1	Load-in Truck to Limestone Storage Pile	2007	None	LH1
LH2	Limestone Storage Pile	2007	None	
LH3	Limestone Storage Pile Maintenance	2007	None	
LH4	Chain Reclaim Conveyor to Silo A, rated at 200 tons per hour	2007	None	LH4
LH5	Limestone Haul Road (paved)	2007	None	LH5
LSA	Limestone Silo A with bin vent	2007	None	LH4

B.12 EQUIPMENT FOR EMISSION UNIT ID 15- Marine Barge Bulk Material Handling Operations

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
BM1	Marine Coal Barge Pier with spill curbs	2007	CD-DF1	CH20
BM3	Crane with 12 cubic yard Clam Shell Bucket	2007		
BM4	50-ton Coal Feed Hopper	2007		
BM5	Vibrator Feeder	2007		

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 7 of 46

B.12 EQUIPMENT FOR EMISSION UNIT ID 15- Marine Barge Bulk Material Handling Operations

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
BM6	48 inch wide enclosed Transfer Conveyor 1 with integrated Conveyor Belt Scale, rated at 2500 tons per hour	2007	None	N/A
BM7	Magnet Structure	2007	None	N/A
BM8	Tramp Magnet with Hoist	2007	None	N/A
BM12	Enclosed Transfer Structure 1	2007	CD-DF2	CH29
BM17	48 inch wide enclosed Transfer Conveyor 2, rated at 2500 tons per hour	2007	None	N/A
BM19	Enclosed Transfer Structure 2	2007	CD-DF3	CH30
BA20	48 inch wide enclosed Stacking Tube Feed Conveyor, rated at 2500 tons per hour	2007	CD-DF4	CH31
BA21	Stacking Tube Transfer Structure	2007		
BA22	100 foot tall Stacking Tube, rated at 2500 tons per hour	2007		
BB23	48 inch wide enclosed Transfer Conveyor 3, rated at 2500 tons per hour	2007	CD-DF5	CH32
BB24	Enclosed Transfer Structure 3	2007		

N/A = Not Applicable

B.13 CONTROL DEVICE(S) FOR EMISSION UNIT ID 15- Marine Barge Bulk Material Handling Operations

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-DF1	Dry Fog Dust Suppression System 1	2007	PM, PM ₁₀ , PM _{2.5}
CD-DF2	Dry Fog Dust Suppression System 2	2007	PM, PM ₁₀ , PM _{2.5}
CD-DF3	Dry Fog Dust Suppression System 3	2007	PM, PM ₁₀ , PM _{2.5}
CD-DF4	Dry Fog Dust Suppression System 4	2007	PM, PM ₁₀ , PM _{2.5}
CD-DF5	Dry Fog Dust Suppression System 5	2007	PM, PM ₁₀ , PM _{2.5}

B.14 EQUIPMENT FOR EMISSION UNIT ID 16- Chem-Mod System

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
CM	Chem-Mod Coal Transfer Process, 800 tph capacity{modification of BC10, BC11, and CH, a pug mill w/ twin 75 Hp drive motors (Unit 3100) and a 10 Hp screw conveyor (Unit 3220)}	2013	None	CHEMMOD

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 8 of 46

B.14 EQUIPMENT FOR EMISSION UNIT ID 16- Chem-Mod System

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
S8200	S-Sorb® Silo Tank, 150 ton fill capacity, with C&W LPR-8-S dust collector	2013	None	SORBSILO
S3200	S-Sorb® Day Bin Tank , 50 ton fill capacity, with C&W LPR-8-S dust collector	2013	None	SORBDAYBIN

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

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

Condition Number	Condition
C.1	<p>Emission Unit ID: All</p> <p>Equipment/Control Device ID: All</p> <p>Equipment capacities provided under the Equipment Description column of the Equipment Tables above 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.</p>
C.2	<p>Emission Unit ID: All</p> <p>Equipment/Control Device ID: All</p> <p>(S.C. Regulation 61-62.1, Section II.J.1.g) A copy of the Department issued construction and/or operating permit must be kept readily available at the facility at all times. The owner or operator 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 5 years from the date the record was generated and shall be made available to a Department representative upon request.</p>
C.3	<p>Emission Unit ID: All</p> <p>Equipment ID/Control Device ID: All</p> <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> <p>(a) All non-enclosed operations shall be conducted in such a manner that a minimum of particulate matter becomes airborne.</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 9 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>(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.</p> <p>(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> <p>In accordance with S.C. Regulation 61-62.6 - Control of Fugitive Particulate Matter, Section III - Control of Fugitive Particulate Matter Statewide:</p> <p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(d) Volatile organic compounds shall not be used for dust control purposes. Oil treatment is also prohibited.</p> <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, at a minimum:</p> <p>(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.</p> <p>(b) Include steps that the owner/operator takes to minimize fugitive emissions from the identified sources</p> <p>(c) Record episodes of excess fugitive particulate matter emissions</p> <p>(d) Record the corrective actions taken to mitigate emissions during the episode</p> <p>(e) The plan shall address steps to minimize fugitive emissions from the offloading of bulk coal using a clamshell crane. The plan shall include the steps the owner/operator shall take to keep the fugitive dust from the coal loading and off-loading operations and the storage of this material, as outlined in the construction permit application. A wind direction indicator shall be installed and maintained in a prominent place that is easily observable by facility personnel. Operations will cease when meteorological conditions cause fugitive emissions to leave the loading/off-loading areas and/or the plant site. All conveying of bulk materials shall make use of enclosed conveyors. Holes, cracks or</p>

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 10 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

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

Condition Number	Condition
	<p>deteriorated enclosures shall be repaired as soon as possible. Areas immediately adjacent to clam shell crane, hopper, and conveyor system transfer points, shall be maintained so as to prevent accumulation of fugitive material.</p> <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>
C.4	<p>Emission Unit ID: 01, 09, 13, 14, 15</p> <p>Equipment ID: UB1, BD, BH, BC5, BC7, BC8, BC9, SH, SR, ST, TH, BC10, BC11, CH, CM, GH1, GH2, GH5, LH1, LH4, LSA, BM1, BM3, BM4, BM5, BM6, BM8, BM12, BM17, BM19, BA20, BA21, BA22, BB23, BB24</p> <p>Control Device ID: CD-ESP, CD-DF1, CD-DF2, CD-DF3, CD-DF4, CD-DF5</p> <p>For any source test required under an applicable standard or permit condition, the owner, operator, or representative shall comply with S.C. Regulation 61-62.1, Section IV - Source Tests.</p> <p>Unless approved otherwise by the Department, the owner, operator, or representative 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>The owner or operator shall comply with any limits that result from conducting a source test at less than rated capacity. A copy of the most recent Department issued source test summary letter, whether it imposes a limit or not, shall be maintained with the operating permit, for each source that is required to conduct a source test.</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.</p>
C.5	<p>Emission Unit ID: 01, 15</p> <p>Equipment ID: UB1, BM1, BM3, BM4, BM5, BM12, BM19, BA20, BA21, BA22, BB23, BB24</p> <p>Control Device ID: CD-ESP, CD-FGD, CD-SCR, CD-DF1, CD-DF2, CD-DF3, CD-DF4, CD-DF5</p> <p>The owner/operator shall inspect, calibrate, adjust, and maintain continuous monitoring systems, monitoring devices, and gauges in accordance with manufacturer’s specifications or good engineering practices. The owner or operator shall maintain on file all measurements including continuous monitoring</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 11 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	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.
C.6	<p>Emission Unit ID: 01, 15</p> <p>Equipment ID: UB1, BM1, BM3, BM4, BM5, BM12, BM19, BA20, BA21, BA22, BB23, BB24</p> <p>Control Device ID: CD-ESP, CD-FGD, CD-SCR, CD-DF1, CD-DF2, CD-DF3, CD-DF4, CD-DF5</p> <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>
C.7	<p>Emission Unit ID: 01, 04, 05</p> <p>Equipment ID: UB1, CT1, CT2</p> <p>The Utility Boiler (Emission Unit ID 01, Equipment ID UB1) is exempt from the requirements of S.C. Regulation 61-62.5, Standard No. 5.2 until such time when the facility is no longer subject to S.C. Regulation 61-62.96 Nitrogen Oxides (NO_x) and the Sulfur Dioxide (SO₂) Budget Trading Program. Once the facility is no longer subject to S.C. Regulation 61-62.96 Nitrogen Oxides (NO_x) and the Sulfur Dioxide (SO₂) Budget Trading Program and upon burner assembly replacement, the Utility Boiler (Emission Unit ID 01, Equipment ID UB1) will be subject to the requirements of Standard 5.2.</p> <p>(S. C. Regulation 61-62.5, Standard No. 5.2) Any existing source where a burner assembly is replaced with another burner assembly after June 25, 2004, regardless of size or age of the burner assembly to be replaced 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. The replacement of individual components such as burner heads, nozzles, or windboxes does not trigger this requirement. An exemption from this requirement shall be granted when a single burner assembly is</p>

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 12 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

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

Condition Number	Condition
	<p>being replaced in a source with multiple burners due to non-routine maintenance.</p> <p>The owner or operator shall notify and register the burner assembly replacement with the Department, in writing, within 7 days of replacing the existing burner assembly. Notification will be provided on the Department's <i>Low NO_x Burner Assembly Replacement Notification Form D-2935</i>. Those sources that wish to receive an emission reduction credit for the control device will be required to submit a construction permit application. Those sources requesting an alternative control methodology must receive written approval prior to burner replacement.</p> <p>The owner/operator of a subject combustion source shall develop a tune-up plan and perform tune-ups every two years in accordance with manufacturer's specifications or with good engineering practices from replacement of burner. The first tune-up shall be conducted no more than two years after the burner replacement. Each subsequent tune-up shall be conducted no more than two years after the previous tune-up. All tune-up records are required to be maintained on site.</p>
C.8	<p>Emission Unit ID: 02, 03</p> <p>Equipment ID: AB1, AB2</p> <p>The auxiliary boilers (Emission Unit ID/Equipment ID 02/AB1 and 03/AB2) are exempt from the requirements of S.C. Regulation 61-62.5, Standard No. 5.2. The auxiliary boilers (02/AB1 and 03/AB3) are each limited to an average annual capacity factor of less than 10 percent.</p> <p>The annual capacity factor shall be defined as the ratio between the actual heat input to the boiler from the fuels burned during a period of 12 consecutive calendar months and the potential heat input to the boiler had it been operated for 8,760 hours during that 12-month period at the maximum design heat input capacity. The annual capacity factor shall be determined at the end of each calendar month. The average annual capacity factor shall be defined as the 12-month rolling average of the annual capacity factors and shall be determined at the end of each calendar month. Records of fuel usage, the monthly calculated annual capacity factor, along with the average annual capacity factor for each boiler shall be kept on-site.</p>
C.9	<p>Emission Unit ID: 09, 13, 14, 15</p> <p>Equipment ID: BD, BH, BC5, BC7, BC8, BC9, BC10, BC11, CH, SH, SR, ST, TH, CM, GH1, GH2, GH3, GH4, GH5, GH6, LH1, LH2, LH3, LH4, LH5, LSA, BM1, BM3, BM4, BM5, BM6, BM8, BM12, BM17, BM19, BA20, BA21, BA22, BB23, BB24</p> <p>Control Device ID: CD-DF1, CD-DF2, CD-DF3, CD-DF4, CD-DF5</p> <p>All references to NSPS or §60 in this permit, refer to both S.C. Regulation 61-62.60 - "South Carolina</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 13 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>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> <p>All equipment specified in this permit as being subject to an NSPS are also subject to S.C. Regulation 61-62.60 and 40 CFR 60, Subpart A - General Provisions, and shall comply with all applicable provisions, in addition to those explicitly stated in this permit.</p>
C.10	<p>Emission Unit ID: 02, 03, 04, 05, 09, 10, 11, 13, 14, 15, 16</p> <p>Equipment ID: AB1, AB2, CT1, CT2, BD, BH, BC5, BC7, BC8, BC9, BC10, BC11, CH, CP, SH, SR, ST, TH, , SIL1, SIL2, GH1, GH2, GH3, GH4, GH5, GH6, LH1, LH2, LH3, LH4, LH5, LSA, BM1, BM3, BM4, BM5, BM6, BM8, BM12, BM17, BM19, BA20, BA21, BA22, BB23, BB24, CM, S8200, S3200</p> <p>Control Device ID: CD-DF1, CD-DF2, CD-DF3, CD-DF4, CD-DF5</p> <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>
C.11	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>Control Device ID: CD-SCR</p> <p>In accordance with S.C. 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, the following must be completed:</p> <ol style="list-style-type: none"> 1. Submittal of a Risk Management Plan (RMP) to the Environmental Protection Agency (EPA) prior to the date the regulated substance is first present above the threshold quantity in a process.

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 14 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>2. Compliance with the Risk Management Program prior to the date the regulated substance is first present above the threshold quantity in a process.</p> <p>3. Submittal of subsequent revisions/corrections/updates of the RMP in accordance with S.C. Regulation 61-62.68.190 and 68.195.</p> <p>4. For Program 1 processes, the owner/operator shall submit along with the RMP the certification statement provided in Section 68.12(b)(4). For all other covered processes, the owner/operator shall submit along with the RMP a single certification that, to the best of the signer’s knowledge, information, and belief formed after reasonable inquiry, the information submitted is true, accurate, and complete.</p> <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>
C.12	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>Control Device ID: CD-ESP</p> <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 Million BTU/hr heat input rate, the limit is 0.6 lb/Million BTU (3 hour block average). For sources operating equal to or above 1,300 Million BTU/hr heat input rate, the limit is expressed as a function of the input heat rate per the following equation:</p> $E = 57.84 P^{-0.637}$ <p>where E = the allowable emission rate in pounds per Million BTU heat input and P = Million BTU 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 test results indicate that particulate matter emissions are less than 80 percent of its particulate limit as demonstrated by three consecutive source tests, annual source testing in the same quarter as the previous test is allowed. If a source test result indicates that the emissions are greater than or equal to 80 percent of the permitted limit, the testing frequency reverts to semiannual.</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 15 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<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 at the facility in a permanent form suitable for inspection by Department personnel.</p> <p>The owner/operator shall continue to operate and maintain primary and secondary voltage meters for each field of the ESP. The ESP shall be in place and operational whenever processes controlled by it are running, except during periods of ESP malfunction or mechanical failure.</p> <p>The owner/operator shall utilize a plan detailing how to minimize emissions during periods when the ESP is unable to operate. The plan shall also detail how to minimize emission unit operation during periods in which the ESP is unable to operate. The owner/operator shall maintain the plan on site and keep records on site demonstrating compliance with the plan.</p>
C.13	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>Control Device ID: CD-FGD</p> <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 pounds per million BTU heat input (24 hour block average).</p> <p>State Only: No</p> <p>Testing: None Required. Compliance 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 semiannually.</p>
C.14	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>Control Device ID: CD-ESP</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 16 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<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 before February 11, 1971 shall not discharge into the ambient air smoke which exceeds an opacity of forty (40) percent. The forty (40) 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>The Department has approved the COMS as a method to determine compliance with the opacity limitations in this condition.</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>
C.15	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>Control Device ID: CD-ESP, CD-FGD, CD-SCR</p> <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. Utility Boiler No. 1 is permitted to combust the following fuels, fuel additives, or modifiers, which are considered “virgin fuels” as defined by S.C. Regulation 61-62.1, Section I - Definitions, alone or in combination:</p> <p style="text-align: center;">Coal No. 2 fuel oil Covol Technologies® (Synthetic Binder) Halren J316 v203W LN®</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 17 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition										
	<p style="text-align: center;">Heritage HES Emulsion (AM-ELIZ395) ® Heritage ECS Emulsion (AM-ELIZ371) ® Nalco 7899® Nalco 9838® binder (water based vinyl polymer) RAMSorb200 (polymer based moisture absorbent) Seaco Modified fuel using Chem-Mod process (S-Sorb® and MerSorb® materials) Additives Registered Per 40 CFR 79</p> <p>Emissions from modified coal combustion shall not be greater than that resulting from combustion of virgin coal.</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain logs of the name and quantity of additives or modifiers combusted.</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>										
C.16	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>Control Device ID: CD-ESP</p> <p>Limits/Standards: These sources are subject to 40 CFR 64 Compliance Assurance Monitoring (CAM) and shall comply with all applicable provisions.</p> <p>The sources qualify as pollutant-specific emissions units for PM₁₀ emissions per §64.2(a) CAM, and shall comply with all applicable provisions. To meet the requirements of 40 CFR 64, the owner/operator shall continue to operate and maintain the indicator specified below as the measurement approach:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 20%;">Unit ID/Equip ID/Control ID</th> <th style="width: 20%;">Indicator/Condition <i>40CFR64.6(c)(1)(i)</i></th> <th style="width: 20%;">Measurement Approach <i>40CFR64.6(c)(1)(ii)</i></th> <th style="width: 20%;">Averaging Period <i>40CFR64.6(c)(1)(iii)</i></th> <th style="width: 20%;">Excursion Level <i>40CFR64.6(c)(2)</i></th> </tr> </thead> <tbody> <tr> <td>01/UB1/CD-ESP</td> <td>Opacity</td> <td>COMS</td> <td>3 hour block average</td> <td>>38%</td> </tr> </tbody> </table> <p>The indicators shown shall be used to provide assurance of compliance with each applicable requirement.</p>	Unit ID/Equip ID/Control ID	Indicator/Condition <i>40CFR64.6(c)(1)(i)</i>	Measurement Approach <i>40CFR64.6(c)(1)(ii)</i>	Averaging Period <i>40CFR64.6(c)(1)(iii)</i>	Excursion Level <i>40CFR64.6(c)(2)</i>	01/UB1/CD-ESP	Opacity	COMS	3 hour block average	>38%
Unit ID/Equip ID/Control ID	Indicator/Condition <i>40CFR64.6(c)(1)(i)</i>	Measurement Approach <i>40CFR64.6(c)(1)(ii)</i>	Averaging Period <i>40CFR64.6(c)(1)(iii)</i>	Excursion Level <i>40CFR64.6(c)(2)</i>							
01/UB1/CD-ESP	Opacity	COMS	3 hour block average	>38%							

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 18 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>An excursion is defined as any continuous opacity monitor system (COMS) data, excluding periods of startup, shutdown and soot-blowing, where the 3-hour block average is equal to or greater than the excursion level. Upon detecting an excursion, the owner or operator shall take corrective action to 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 the duration of any startup, shutdown or malfunction period, and taking necessary corrective action 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 selected indicator and designated condition for the monitored parameter were derived from stack test data, which demonstrates compliant operation of the equipment. QA/QC practices, etc. shall consist of performing performance evaluations and calibration checks for each COMS that meet 40 CFR 60.13 and 40 CFR 60 Appendix B, Performance Specification 1 requirements.</p> <p>Monitoring/Record Keeping/Reporting/Other: A semiannual report for monitoring under 40 CFR 64.9 shall include, at a minimum, the information required under SC 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 effectivity assessment respecting response to excursion 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 or operator shall maintain records of monitoring data, monitor performance data, corrective actions and quality improvement plans.</p>
C.17	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>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 – Title IV Acid Rain Program. The owner/operator shall comply with the monitoring and reporting requirements as provided in 40CFR Parts 74, 75 and 76.</p>

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 19 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

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

Condition Number	Condition
C.18	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>In accordance with 40 CFR 76.11, the Department has approved a NO_x emissions averaging plan for this unit, effective from calendar year 2014 through 2018.</p> <p>Under the plan, the actual BTU-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the BTU-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the individual applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitation shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A) is met for a year under the plan, then these units shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>If the designated representative cannot make the above demonstration (as set forth in 40 CFR 76.11(d)(1)(ii)(A) for a year under the plan and if these units fail to meet the annual average alternative contemporaneous emission limitation of 0.39 lb/Million BTU or have an annual heat input greater than 67,037,900 Million BTU, then excess emissions of nitrogen oxides occur during the year at these units. A penalty for excess emissions will be assessed in accordance with 40 CFR 77.6.</p> <p>In addition to the described NO_x compliance plan, these units 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>
C.19	<p>Emission Unit ID/Equipment ID: 01/UB1</p> <p>The facility is subject to the federal rule entitled 40 CFR 97 Federal Implementation Plans: Interstate Transport of Fine Particulate Matter and Ozone and Correction of SIP Approvals, also known as the "Transport Rule," "TR," the "Cross State Air Pollution Rule," and "CSAPR." 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.</p>
C.20	<p>Emission Unit ID/Equipment ID: 01/UB1, 02/AB1, 03/AB2</p> <p>Control Device ID: CD-ESP, CD-FGD, CD-SCR</p> <p>Limits/Standards: The combustion of any waste 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. Combustion of fuels, fuel additives, or modifiers,</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 20 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>shall meet the definition of “virgin fuels” or “spec.-oil” as defined by S.C. Regulation 61-62.1, Section I – Definitions. The use of any substance as fuel, except as specific in this permit, is prohibited without advance written approval from the Department.</p> <p>The UB1, AB1, and AB2 units are permitted to combust the following materials, alone or in combination:</p> <p style="text-align: center;">oil-contaminated filter media oil-contaminated soil or sand on-spec used oil oily rags other oily debris spent activated carbon from the water treatment process spent boiler cleaning fluid comprised of 1% solution of ammoniated salt of Ethylene Diamine Tetra-acetic Acid (EDTA) spent oil absorbent</p> <p>On-Site Per S.C. Regulation 61-62.5, Standard 3, Section III (J)(6), 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 S.C. Regulation 61-62.5, Standard 3, Section III (J)(7), 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. The specification-used oil can not exceed 1000 ppm total halogen, 100 ppm total lead, 10 ppm total chromium, 2 ppm total cadmium, 5 ppm total arsenic, 120 ppm total nickel, or Flash point of 100 degrees Fahrenheit minimum.</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: Per S.C. Regulation 61-62.5, Standard 3, Section III (J)(6)(c), 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> <p>A chemical analysis shall be performed on each waste oil batch. Total halogen, total lead, total chromium, total cadmium, total arsenic, and total nickel content compliance shall be demonstrated by chemical</p>

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 21 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

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

Condition Number	Condition
	<p>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 nitrogen, 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 for a period of at least five (5) years from the date generated and shall be made available to Department personnel upon request.</p>
C.21	<p>Emission Unit ID/Equipment ID: 02/AB1, 03/AB2</p> <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 before February 11, 1971 shall not discharge into the ambient air smoke which exceeds an opacity of forty (40) percent, each. The forty (40) 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 in a manner consistent with good air pollution control practices for minimizing emissions.</p> <p>State Only: No</p> <p>Testing: None Required</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 perform semiannual visual inspections when combusting No.2 fuel oil. No visual inspection is required during periods of burning natural gas only. The owner/operator shall maintain records and submit semiannual reports. If only natural gas was combusted, or if the unit did not operate during the semiannual period, the report shall so state.</p>
C.22	<p>Emission Unit ID/Equipment ID: 02/AB1, 03/AB2</p> <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 Million BTU/hr heat input rate, the limit is 0.6 lb/Million BTU (3 hour block average), each. For sources operating equal to or above 1,300 Million BTU/hr heat input rate, the limit is expressed as a function of the input heat rate per the following equation:</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 22 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	$E = 57.84 P^{-0.637}$ <p>where E = the allowable emission rate in pounds per Million BTU heat input and P = Million BTU heat input per hour</p> <p>State Only: No</p> <p>Testing: None Required</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 perform semiannual visual inspections when combusting No.2 fuel oil. No periodic monitoring for opacity will be required during periods of burning natural gas only. The owner/operator shall maintain records and submit semiannual reports. If only natural gas was combusted, or if the unit did not operate during the semiannual period, the report shall so state.</p>
C.23	<p>Emission Unit ID/Equipment ID: 02/AB1, 03/AB2</p> <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 pounds per million BTU heat input (24 hour block average), each.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: These units are permitted to burn only No. 2 fuel oil with sulfur content of less than or equal to 0.0015% or natural gas. Except where specified in this permit, the use of other substances as fuel is prohibited without prior written approval from this Bureau. The owner/operator shall maintain records of types and quantities of fuel used for each source. Records shall include supporting documents, such as valid purchase contracts, tariff sheets, or transportation contracts for the fuel, specifying the maximum total sulfur content for oil used in these sources. Records of fuel oil certification 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.</p> <p>The owner/operator shall submit semiannual reports of total quantities of each fuel type used by each source and fuel oil certification summaries to the Manager of the Technical Management Section, Bureau of Air Quality. The semiannual reports shall include a signed statement from the owner/operator that the</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 23 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period. The semiannual reports shall compare actual sulfur dioxide emissions from these sources to the corresponding emission rates shown in Attachment – Emission Rates for Ambient Air Standards of this permit. If actual emissions exceed the rates shown in Attachment – Emission Rates for Ambient Air Standards, the owner/operator may be required to submit a revised modeling demonstration in accordance with Condition I.1 of this permit.
C.24	<p>Emission Unit ID/Equipment ID: 04/CT1, 05/CT2</p> <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, while the equipment is operating, on a semiannual basis.</p> <p>No periodic monitoring for opacity will be required during periods of burning natural gas only. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If only natural gas was combusted or if the unit did not operate during the semiannual period, the report shall so state. Records of visual inspection shall be maintained on site.</p>
C.25	<p>Emission Unit ID/Equipment ID: 01/UB1, 04/CT1, 05/CT2</p> <p>This facility is subject to SC Regulation 61-62.96 Nitrogen Oxides (NO_x) and Sulfur Dioxide (SO₂) Budget Trading Program and the federal rule entitled 40 CFR 96 NO_x Budget Trading Program And CAIR NO_x And SO₂ Trading Programs For State Implementation Plans. The CAIR permit is attached to 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.</p>
C.26	<p>Emission Unit ID: 09</p> <p>Equipment ID: BD, BH, BC5, BC7, BC8, BC9, BC10, BC11, CH, CP, SH, SR, ST, TH</p> <p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 4 - Emissions from Process</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 24 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>Industries, Section VIII - Other Manufacturing, particulate matter emissions from a process shall be limited to the rate specified by use of equations set forth in Standard No. 4. 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 process equipment shall be maintained at or below the process weight rate specified in the application. The owner/operator shall perform a visual inspection on each emission point, while the equipment is operating, on a semiannual basis.</p> <p>The owner/operator shall submit semiannual 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>
C.27	<p>Emission Unit ID: 09</p> <p>Equipment ID: BD, BH, BC5, BC7, BC8, BC9, SH, SR, ST, TH</p> <p>Limits/Standards: In accordance with 40 CFR 60 Subpart Y - Standards Of Performance For Coal Preparation 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 semiannual basis.</p> <p>The owner/operator shall submit semiannual reports documenting that visual inspections were</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 25 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>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>
C.28	<p>Emission Unit ID: 09 Equipment ID: BC10, BC11, CH</p> <p>Limits/Standards: In accordance with NSPS, Subpart A – General Conditions and 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 §60.8 and §60.258(c), within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, the owner or operator of such facility shall conduct performance test(s) to demonstrate compliance with all applicable limits as specified in this permit. The Bureau must be notified at least two weeks prior to a source test so that a Bureau representative may be present. Source test methodology, to include testing at worst-case conditions, must be approved by the Bureau and comply with SC DHEC Regulation 61-62.1, Section IV - Source Testing. All source test reports shall be submitted to the Manager of the Source Evaluation Section of the Bureau of Air Quality no later than 30 days after the completion of the on-site testing.</p> <p>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 paragraph (b)(2), except as provide in paragraphs (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). The crusher house (CH) shall demonstrate compliance in accordance with §60.255(c).</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>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 26 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
C.29	<p>Emission Unit ID: 10, 11</p> <p>Equipment ID: SIL1, SIL2</p> <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 equations set forth in Standard No. 4. 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 process equipment shall be maintained at or below the process weight rate specified in the application. The owner/operator shall perform a visual inspection on each emission point, while the equipment is operating, on a semiannual basis.</p> <p>The owner/operator shall submit semiannual 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>
C.30	<p>Emission Unit ID: 13</p> <p>Equipment ID: GH1, GH2, GH3, GH4, GH5, GH6</p> <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 equations set forth in Standard No. 4. In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than twenty (20) percent, each.</p> <p>State Only: No</p> <p>Testing: None Required</p>

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 27 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

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

Condition Number	Condition
	<p>Monitoring/Record Keeping/Reporting/Other: The process equipment shall be maintained at or below the process weight rate specified in the application. The owner/operator shall perform a visual inspection on each emission point, while the equipment is operating, on a semiannual basis.</p> <p>The owner/operator shall submit semiannual 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>
C.31	<p>Emission Unit ID: 13, 14</p> <p>Equipment ID: GH1, GH2, , GH5, , LH1, , LH4,</p> <p>Limits/Standards: In accordance with New Source Performance Standards (NSPS), 40 CFR 60 Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants, §60.672 - Standards For Particulate Matter, the owner/operator shall not cause to be discharged into the 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: 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 §60.675 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>
C.32	<p>Emission Unit ID: 14</p> <p>Equipment ID: LH1, LH2, LH3, LH4, LH5, LSA</p> <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 equations set forth in Standard No. 4. In accordance with SC Regulation 61 62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than twenty (20) percent, each.</p> <p>State Only: No</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 28 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment shall be maintained at or below the process weight rate specified in the application. The owner/operator shall perform a visual inspection on each emission point, while the equipment is operating, on a semiannual basis.</p> <p>The owner/operator shall submit semiannual 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>
C.33	<p>Emission Unit ID: 14</p> <p>Equipment ID: LSA</p> <p>Limits/Standards: In accordance with New Source Performance Standards (NSPS), 40 CFR 60 Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants, §60.672, the owner/operator shall not cause to be discharged into the atmosphere, from any baghouse that controls emissions from the individual, enclosed LSA storage bin, 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 §60.675 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>
C.34	<p>Emission Unit ID: 15</p> <p>Equipment ID: BM1, BM3, BM4, BM5, BM6, BM8, BM17, BA20, BA22, BB23</p> <p>Control Device ID: CD-DF1, CD-DF4, CD-DF5</p> <p>Limits/Standards: In accordance with S.C. Regulation 61-62.5, Standard No. 2 - Ambient Air Quality Standards, this process is permitted to handle bulk material from marine vessels at the maximum rate of 16,000 tons per day. The specific bulk materials that are allowed to be handled by this process are coal or</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 29 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>petroleum coke only. The processing of higher material amounts or the processing of other types of materials may subject this source to additional emission limitations and is prohibited without prior written approval from the Bureau of Air Quality.</p> <p>State Only: No</p> <p>Testing: None</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall prepare a plan to minimize fugitive emissions from the offloading of bulk material using a clamshell crane. The plan shall include the steps the owner/operator shall take to keep the fugitive dust from the loading and off-loading operations and the storage of material, as outlined in the construction permit (0420-0006-CF) application and the plan shall be maintained at the facility and made available to Department personnel upon request. This plan shall be updated to reflect improved procedures approved by the Bureau of Air Quality.</p> <p>A wind direction indicator shall be maintained in a prominent place that is easily observable by facility personnel. Operations will cease when meteorological conditions cause fugitive emissions to leave the loading/off-loading areas and/or the plant site.</p> <p>If excess emissions occur, operations shall immediately cease and may resume only after the problem has been corrected. If excess emissions, including fugitive emissions, occur as a result of a malfunction in equipment, operator error, etc., the owner/operator shall report to the local EQC Regional Office the malfunction and the steps taken to correct the problem within 24 hours of the occurrence.</p> <p>A monthly ocean going bulk material vessel schedule must be submitted to the local EQC Regional Office by fax or e-mail at least 24 hours prior to commencement of unloading activities involving the first ocean going bulk material vessel of the month. Unloading/loading shall not commence until the monthly vessel schedule has been submitted to regional personnel by fax or e-mail. This notification must contain quantity of bulk material to be delivered in short tons, estimated arrival time and duration at berth, for each ocean going bulk coal vessel. An updated schedule should be submitted when any changes occur.</p> <p>The local EQC Regional Office must be notified as soon as the date of arrival for each ocean going vessel has been confirmed. This notification shall not be less than 24 hours prior to the commencement of the unloading of bulk material from the ocean going vessel. Unloading of material from the facility's marine dock shall not commence until local EQC Regional Office personnel have been contacted by FAX, telephone, or e-mail.</p> <p>The owner/operator shall maintain an on-site log of the following information:</p> <ol style="list-style-type: none"> a. The date and time each ocean going bulk material vessel arrives at and departs from its berth.

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 30 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>b. Total hours per day the clam shell crane unloads material from freight marine vessels.</p> <p>c. Total short tons of material transported from each ocean going vessel to this facility's marine dock.</p> <p>d. Semi-annual calculations of the maximum amount of bulk material, in tons per day, actually unloaded at this facility's dock for any consecutive 24-hour span during the semi-annual period. Data involving an ocean going vessel for which loading is begun, but not completed, during the semi-annual period is to be included in calculations for the next semi-annual period.</p> <p>The log shall be made readily available for inspection upon request by Department personnel. As an alternative to keeping daily records using the method specified above, the facility may record daily data obtained from the integrated conveyor belt scale.</p> <p>The owner/operator shall submit semiannual reports containing the measured or calculated maximum amount of coal and petroleum coke, in tons per day, actually unloaded at this facility's dock for any consecutive 24-hour span during the semiannual period. The report shall also state whether the maximum rate complies with the process limit stated in this condition.</p>
C.35	<p>Emission Unit ID: 15</p> <p>Equipment ID: BM1, BM3, BM4, BM5, BM6, BM8, BM17, BA20, BA22, BB23</p> <p>Control Device ID: CD-DF1, CD-DF4, CD-DF5</p> <p>Limits/Standards: In accordance with SC Regulation 61 62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than twenty (20) percent, each. The facility shall keep the number of open marine vessel hatches to a minimum during transfer operations.</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 emission point, while the equipment is operating, on a semiannual basis.</p> <p>The loading, unloading, transportation, or dumping of bulk material will be conducted so as to keep fugitive dust emissions to a minimum. The Department may require the owner or operator to take additional measures, as necessary, to maintain visible emissions at or below the maximum limit.</p> <p>Material handling operations such as ship loading/unloading, and piling of material, using hoppers,</p>

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 31 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

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

Condition Number	Condition
	<p>conveyors, tube stacker, or any other continuous material handling process, shall be conducted so as to keep fugitive dust emissions to a minimum. This shall include, but is not limited to, proper wetting of materials, minimizing the distance of material drops, prompt removal of dust generated in areas where these operations take place, and operator care to minimize fugitive dust.</p> <p>The clamshell shall be operated at an optimum speed compatible with the receiving hopper and associated equipment, so as to minimize emissions from the receiving hold due to over filling the hopper or blow-back from under filling the hopper.</p> <p>During normal operation, the clamshell shall not leak in such a way as to cause a visible stream or cascade of product falling from the bucket. The outside of the clam shell shall be cleaned as needed to control fugitive particulate emissions.</p> <p>All conveying of bulk materials shall make use of enclosed conveyors. Holes, cracks or deteriorated enclosures shall be repaired as soon as possible. Areas immediately adjacent to clam shell crane, hopper, and conveyor system transfer points, shall be maintained so as to prevent accumulation of fugitive material.</p> <p>All dry fog dust suppression systems will be properly maintained and operated with sufficient water and pump capacity for control of fugitive dust emissions during operation of the bulk material unloading system.</p> <p>Plant operation managers and their designated support personnel will be trained in the proper use of the dry fog systems.</p> <p>The owner/operator shall submit semiannual 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>
C.36	<p>Emission Unit ID: 15</p> <p>Equipment ID: BM1, BM3, BM4, BM5, BM6, BM8, BM17, BA20, BA22, BB23</p> <p>Control Device ID: CD-DF1, CD-DF4, CD-DF5</p> <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 equations set forth in Standard No. 4.</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 32 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment shall be maintained at or below the process weight rate specified in the application. The owner/operator shall perform a visual inspection on each emission point, while the equipment is operating, on a semiannual basis.</p> <p>The owner/operator shall submit semiannual 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>
C.37	<p>Emission Unit ID: 15</p> <p>Equipment ID: BM1, BM3, BM4, BM5, BM6, BM8, BM12, BM17, BM19, BA20, BA21, BA22, BB23, BB24</p> <p>Control Device ID: CD-DF1, CD-DF2, CD-DF3, CD-DF4, CD-DF5</p> <p>Limits/Standards: In accordance with 40 CFR 60 Subpart Y - Standards Of Performance For Coal Preparation 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 semiannual basis.</p> <p>The owner/operator shall submit semiannual 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>

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 33 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

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

Condition Number	Condition
C.38	<p>Emission Unit ID: 16</p> <p>Equipment ID: CM, S8200, S3200</p> <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 equations set forth in Standard No. 4. In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than twenty (20) percent, each.</p> <p>State Only: No</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The process equipment shall be maintained at or below the process weight rate specified in the application. The owner/operator shall perform a visual inspection on each emission point, while the equipment is operating, on a semiannual basis.</p> <p>The owner/operator shall submit semiannual 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>
C.39	<p>Emission Unit ID: 16</p> <p>Equipment ID: CM</p> <p>Limits/Standards: In accordance with NSPS, Subpart A – General Conditions and 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 §60.8 and §60.258(c), within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, the owner or operator of such facility shall conduct performance test(s) to demonstrate compliance with all applicable limits as specified in this permit. The Bureau must be notified</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 34 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	<p>at least two weeks prior to a source test so that a Bureau representative may be present. Source test methodology, to include testing at worst-case conditions, must be approved by the Bureau and comply with SC DHEC Regulation 61-62.1, Section IV - Source Testing. All source test reports shall be submitted to the Manager of the Source Evaluation Section of the Bureau of Air Quality no later than 30 days after the completion of the on-site testing.</p> <p>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 paragraph (b)(2), except as provide in paragraphs (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). The crusher house (CH) shall demonstrate compliance in accordance with §60.255(c).</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>
C.40	<p>Emission Unit ID: 16</p> <p>Equipment ID: CM, S8200, S3200</p> <p>The Chem-Mod process is limited to a maximum production rate of 800 tons per hour.</p> <p>The owner or operator shall maintain daily records of MerSorb® and S-Sorb® application rates. Application rates shall be recorded in units of MerSorb tons per raw coal ton and S-Sorb tons per raw coal ton. Daily application of S-Sorb® is limited to a maximum of 0.55% by weight of coal fuel. Daily application of MerSorb® is limited to a maximum of 0.11% by weight of coal fuel. Approval for higher application rates or use of other components not specifically authorized by the Bureau of Air Quality in writing shall depend upon prior Bureau review and may require pre-approval combustion performance testing.</p> <p>An algorithm, including example calculations, explaining the method used to determine application rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating the production rate.</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 35 of 46

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS
(S.C. Regulation 61-62.1, Section II; S.C. Regulation 61-62.70.6.a.3.i.B)

Condition Number	Condition
	The owner or operator shall submit semiannual reports stating the actual average daily application rates, the actual maximum daily application rates, and the actual total amounts of the MerSorb® and S-Sorb® components consumed during the semiannual reporting period. The semiannual reports should also state the actual maximum Chem-Mod process production rate that was recorded during the reporting period.
C.41	The facility is limited to a No.2 fuel oil sulfur content of less than or equal to 0.0015 percent by weight. Fuel oil supplier certification shall be obtained for each batch of oil received and stored on site for a period of at least five (5) years and shall be made available to a Department representative upon request. Semiannual fuel oil certification summaries shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality. The semiannual reports shall consist of the fuel certification records and a signed statement from the owner/operator that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.
C.42	<p>This source has processes potentially subject to the provisions of S.C. Regulation 61-62.60 and New Source Performance Standards (NSPS), 40 CFR 60 Subpart A, General Provisions and Subpart DDDD – (Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units), should they combust a solid waste as per the definition in 40 CFR 241. This facility shall comply with all applicable requirements of Subparts A and DDDD by the compliance date. In order to avoid applicability to Subpart DDDD, the facility shall not combust a solid waste six (6) months prior to and any time following the compliance date.</p> <p>Should the facility elect to combust a solid waste it would not be subject to 40 CFR 63, Subpart UUUUU. Per 40 CFR 63.9983 (d) Any electric steam generating unit combusting solid waste is a solid waste incineration unit subject to standards established under sections 129 and 111 of the Clean Air Act.</p> <p>Following the compliance date, the following records needs to be kept, as per Subpart DDDD 60.2740 (u) For operating units that combust non-hazardous secondary materials that have been determined not to be solid waste pursuant to §241.3(b)(1) of this chapter, the facility must keep a record which documents how the secondary material meets each of the legitimacy criteria under §241.3(d)(1). If the facility combusts a fuel that has been processed from a discarded non-hazardous secondary material pursuant to §241.3(b)(4), the facility must keep records as to how the operations that produced the fuel satisfies the definition of processing in §241.2 and each of the legitimacy criteria in §241.3(d)(1) of this chapter. If the fuel received a non-waste determination pursuant to the petition process submitted under §241.3(c), the facility must keep a record that documents how the fuel satisfies the requirements of the petition process. For operating units that combust non-hazardous secondary materials as fuel per §241.4, the facility must keep records documenting that the material is a listed non-waste under §241.4(a).</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 36 of 46

D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	ZZZZ (Emergency Generators see note 3 and 4)	N/A	N/A	N/A
63	DDDDD (5D)	Five Year	Five Years	Postmarked no later than January 31 following the end of the reporting period

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 40 CFR Part 63.10.a.5. This request may be made 1 year after the compliance date for the associated MACT standard.
3. Facilities with emergency generators are not required to submit reports. Only facilities with non-emergency engines are required to submit semi annual reports.
4. Facilities with emergency engines shall comply with the operations limits specified in 40 CFR 63.6640(f).

E. NESHAP - CONDITIONS

Condition Number	Condition
E.1	All NESHAP notifications and reports shall be sent to the Manager of the Air Toxics Section, South Carolina Department of Health and Environmental Control - Bureau of Air Quality.
E.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 or electronically as required by the specific subpart: <div style="text-align: center;"> US EPA, Region 4 Air, Pesticides and Toxics Management Division 61 Forsyth Street SW Atlanta, GA 30303 </div>

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 37 of 46

E. NESHAP - CONDITIONS

Condition Number	Condition
E.3	<p>Emergency power generators less than or equal to 150 kilowatt (kW) rated capacity or greater than 150 kW rated capacity designated for emergency use only and operated a total of 500 hours per year or less for testing and maintenance with a method to record the actual hours of use such as an hour meter have been determined to be exempt from construction permitting requirements in accordance with South Carolina Regulation 61-62.1. These sources shall still comply with the requirements of all applicable regulations including but not limited to the following:</p> <p>New Source Performance Standards (NSPS) 40 CFR 60 Subpart A (General Provisions); NSPS 40 CFR 60 Subpart IIII (Stationary Compression Ignition Internal Combustion Engines); NSPS 40 CFR 60 Subpart JJJJ (Stationary Spark Ignition Internal Combustion Engines); National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR 63 Subpart A (General Provisions); and NESHAP 40 CFR 63 Subpart ZZZZ (Stationary Reciprocating Internal Combustion Engines).</p>
E.4	<p>Affected sources: All Stationary IC Engines: This facility is 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 this Subpart upon initial start-up unless otherwise noted.</p>
E.5	<p>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 DDDDD “National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.” Existing affected sources shall be in compliance with the requirements of these Subparts on the compliance date, unless otherwise noted.</p>
E.6	<p>Equipment ID: AB1, AB2</p> <p>The facility has requested a federally enforceable limit to be classified as a “Limited Use Boiler” as defined in Subpart 5D, Section 63.7575. Upon the compliance date of this regulation, per Section 63.7555(d)(3) of the Subpart, the facility must limit the average annual capacity factor, of each boiler, to less than or equal to 10 percent and keep records of fuel use for the days each boiler is in operation.</p> <p>(S.C. Regulation 61-62.70.6.a.3) Monitoring And Related Recordkeeping And Reporting Requirements. The annual capacity factor shall be defined as the ratio between the actual heat input to a boiler or process heater from the fuels burned during a period of 12 consecutive calendar months and the potential heat input to the boiler or process heater had it been operated for 8,760 hours during that 12-month period at the maximum design heat input capacity. The annual capacity factor shall be determined at the end of each calendar month. The average annual capacity factor shall be defined as the 12-month rolling average of the annual capacity factors and shall be determined at the end of each calendar month. Records of fuel usage, the monthly calculated annual capacity factor, along with the average annual capacity factor shall be kept on-site.</p>

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 38 of 46

E. NESHAP - CONDITIONS

Condition Number	Condition
E.7	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.

F. COMPLIANCE SCHEDULE

Condition Number	Conditions
F.1	N/A

N/A = Not Applicable

G. PERMIT SHIELD

Condition Number	Condition																						
G.1	<p>(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 – Applicable and Non-Applicable Federal and State Regulations. With the exception of those listed below, compliance with the terms and conditions of this permit shall be deemed compliance with the applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations as of the date of permit issuance provided that such applicable requirements are included and are specifically identified in the permit. Exceptions to this are stated below in the <i>Permit Shield Exceptions</i> Table. The owner or operator shall also be shielded from the non-applicable requirements specified in Attachment – Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the <i>Permit Shield Exceptions</i> Table.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Permit Shield Exceptions</th> </tr> </thead> <tbody> <tr> <td style="width: 10%;"></td> <td>SC Reg. 61-62.1, Definitions and General Requirements</td> </tr> <tr> <td></td> <td>SC Reg. 61-62.5, Std. 5.2, Control of Oxides of Nitrogen (NOX)</td> </tr> <tr> <td></td> <td>SC Reg. 61-62.5, Std. 7, Prevention of Significant Deterioration</td> </tr> <tr> <td></td> <td>SC Reg. 61-62.5, Std. 7.1, Nonattainment New Source Review</td> </tr> <tr> <td></td> <td>SC Reg. 61-62.60 – South Carolina Designated Facility Plan and New Source Performance Standards</td> </tr> <tr> <td></td> <td>SC Reg. 61-86.1 – Standards of Performance for Asbestos Projects</td> </tr> <tr> <td></td> <td>40 CFR 60 Subpart Y, Standards of Performance for Coal Preparation Plants and Processing Plants</td> </tr> <tr> <td></td> <td>40 CFR 60 Subpart GG, Standards of Performance for Stationary Gas Turbines</td> </tr> <tr> <td></td> <td>40 CFR 60 Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants</td> </tr> <tr> <td></td> <td>40 CFR 60 Subpart DDDD, Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration (CISWI) Units that Commenced Construction on or Before November 30, 1999</td> </tr> </tbody> </table>	Permit Shield Exceptions			SC Reg. 61-62.1, Definitions and General Requirements		SC Reg. 61-62.5, Std. 5.2, Control of Oxides of Nitrogen (NOX)		SC Reg. 61-62.5, Std. 7, Prevention of Significant Deterioration		SC Reg. 61-62.5, Std. 7.1, Nonattainment New Source Review		SC Reg. 61-62.60 – South Carolina Designated Facility Plan and New Source Performance Standards		SC Reg. 61-86.1 – Standards of Performance for Asbestos Projects		40 CFR 60 Subpart Y, Standards of Performance for Coal Preparation Plants and Processing Plants		40 CFR 60 Subpart GG, Standards of Performance for Stationary Gas Turbines		40 CFR 60 Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants		40 CFR 60 Subpart DDDD, Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration (CISWI) Units that Commenced Construction on or Before November 30, 1999
Permit Shield Exceptions																							
	SC Reg. 61-62.1, Definitions and General Requirements																						
	SC Reg. 61-62.5, Std. 5.2, Control of Oxides of Nitrogen (NOX)																						
	SC Reg. 61-62.5, Std. 7, Prevention of Significant Deterioration																						
	SC Reg. 61-62.5, Std. 7.1, Nonattainment New Source Review																						
	SC Reg. 61-62.60 – South Carolina Designated Facility Plan and New Source Performance Standards																						
	SC Reg. 61-86.1 – Standards of Performance for Asbestos Projects																						
	40 CFR 60 Subpart Y, Standards of Performance for Coal Preparation Plants and Processing Plants																						
	40 CFR 60 Subpart GG, Standards of Performance for Stationary Gas Turbines																						
	40 CFR 60 Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants																						
	40 CFR 60 Subpart DDDD, Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration (CISWI) Units that Commenced Construction on or Before November 30, 1999																						

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 39 of 46

G. PERMIT SHIELD

Condition Number	Condition
	40 CFR 60 Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
	40 CFR 60 Subpart KKKK, Standards of Performance for Stationary Combustion Turbines
	40 CFR 61 Subpart M, National Emission Standard for Asbestos
	SC Reg. 61-62.63 – National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories
	40 CFR 63 Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants For Stationary Reciprocating Internal Combustion Engines
	40 CFR 63 Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters
	40 CFR 63 Subpart UUUUU, National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units
	SC Reg. 61-62.72, Acid Rain
	40 CFR 72, Permits Regulation
	40 CFR Part 73, Allowance System
	40 CFR Part 75, Continuous Emission Monitoring
	SC Regulation 61-62.96, Nitrogen Oxides (NOX) and Sulfur Dioxide (SO2) Budget Trading Program
	40 CFR Part 96, NO _x Budget Trading Program and CAIR NO _x and SO ₂ Trading Programs for State Implementation Plans
	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 owner or operator 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.

H. PERMIT FLEXIBILITY

Condition Number	Conditions
H.1	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

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 40 of 46

H. PERMIT FLEXIBILITY

Condition Number	Conditions
	request. The list shall be submitted with the next renewal application.

I. AMBIENT AIR STANDARDS REQUIREMENTS

Condition Number	Condition
I.1	<p>Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air standard as applicable. Any changes in the parameters used in this demonstration 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 - Emission Rates for Ambient Air Standards of this permit. Higher emission rates may be administratively incorporated into Attachment - Emission Rates for Ambient Air Standards 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 - Emission Rates for Ambient Air Standards, not to exceed the pollutant limitations of this permit. Should the facility wish to increase the emission rates listed in Attachment - Emission Rates for Ambient Air Standards, 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>

J. 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

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 41 of 46

J. TITLE V PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
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.

K. 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

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.1	Reporting required in this permit, shall be submitted in a timely manner as directed in the Title V Periodic Reporting Schedule and the Title V Compliance Certification Reporting Schedule of this permit. All required reports must be certified by a responsible official consistent with S.C. Regulation 61-62.70.5.d.
L.2	All reports and notifications required under this permit shall be submitted to the person indicated in the specific condition at the following address: <p style="text-align: center;">2600 Bull Street Columbia, SC 29201</p> The contact information for the local EQC Regional office can be found at: <p style="text-align: center;">http://www.scdhec.gov</p>
L.3	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.

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 42 of 46

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.4	<p>All Title V Annual Compliance Certifications shall be sent to the US EPA, Region 4, Air Enforcement Branch and to the Manager of the Technical Management Section, Bureau of Air Quality.</p> <p style="text-align: center;">US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street SW Atlanta, GA 30303</p>
L.5	<p>(S.C. Regulation 61-62.70.6.a.3.ii) The owner or operator 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.

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 43 of 46

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.6	<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.</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, at 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;6. The steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction;7. The steps taken to limit the excess emissions; and,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.
L.7	<p>(S.C. Regulation 61-62.70.6.c.5.iii) 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 by the owner or operator for determining the compliance status with each term and condition of the permit during the certification period.3. 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.4. Such other facts as the Department may require to determine the compliance status of the source.

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 44 of 46

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Condition
L.8	(S.C. Regulation 61-62.1, Section II.M) Within 30 days of the transfer of ownership/operation of a facility, the current permit holder and prospective new owner or operator shall submit to the Director of Engineering Services a written request for transfer of the source operating or construction permits. The written request for transfer of the source operating or construction permit shall include any changes pertaining to the facility name and mailing address; the name, mailing address, and telephone number of the owner or operator for the facility; and any proposed changes to the permitted activities of the source. Transfer of the operating or construction permits will be effective upon written approval by the Department.

M. GENERAL FACILITY WIDE

Condition Number	Condition
M.1	The owner or operator shall comply with S.C. Regulation 61-62.2 "Prohibition of Open Burning."
M.2	The owner or operator shall comply with S.C. Regulation 61-62.3 "Air Pollution Episodes."
M.3	The owner or operator shall comply with S.C. Regulation 61-62.4 "Hazardous Air Pollution Conditions."
M.4	The owner or operator shall comply with S.C. Regulation 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide."
M.5	The owner or operator 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.
M.6	The owner or operator 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.
M.7	The owner or operator 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 owner or operator performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the owner or operator is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.
M.8	(S.C. Regulation 61-62.70.6.a.5) 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.
M.9	(S.C. Regulation 61-62.70.6.a.6.i) The owner or operator 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.
M.10	(S.C. Regulation 61-62.70.6.a.6.ii) It shall not be a defense for an owner or operator in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain

South Carolina Electric & Gas Company – A.M. Williams Station
TV-0420-0006
Page 45 of 46

M. GENERAL FACILITY WIDE

Condition Number	Condition
	compliance with the conditions of this permit.
M.11	(S.C. Regulation 61-62.70.6.a.6.iii) The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the owner or operator 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.
M.12	(S.C. Regulation 61-62.70.6.a.6.iv) The permit does not convey any property rights of any sort, or any exclusive privilege.
M.13	(S.C. Regulation 61-62.70.6.a.6.v) The owner or operator 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 owner or operator shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the owner or operator may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the owner or operator furnish such records directly to the Administrator along with a claim of confidentiality.
M.14	(S.C. Regulation 61-62.70.6.a.8) 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.
M.15	(S.C. Regulation 61-62.70.6.c.2) Upon presentation of credentials and other documents as may be required by law, the owner or operator shall allow the Department or an authorized representative to perform the following: <ol style="list-style-type: none"> 1. Enter upon the owner or operator'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.
M.16	(S.C. Regulation 61-62.70.6.g) In the case of an emergency, as defined in S.C. Regulation 61-62.70.6.g.1, the owner or operator 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 owner or operator 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 owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and 4. The owner or operator shall submit verbal notification of the emergency to the Department

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 46 of 46

M. GENERAL FACILITY WIDE

Condition Number	Condition
	<p>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.</p> <p>This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the owner or operator seeking to establish the occurrence of an emergency has the burden of proof.</p>
M.17	(S.C. Regulation 61-62.70.6.a.1.ii) 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.
M.18	(S.C. Regulation 61-62.70.6.a.4) According to S.C. Regulation 61-62.70.6.a.4, the owner or operator 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.
M.19	(S.C. Regulation 61-62.70.7.c.1.ii) 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.
M.20	Requests for permit modification and amendments shall be submitted on the appropriate Department approved Title V Modification Form(s).
M.21	(S.C. Regulation 61-62.70.6.a.7) 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. Failure to pay applicable fee can be considered grounds for permit revocation.
M.22	<p>(S.C. Regulation 61-62.1, Section III) 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, Bureau of Air Quality.</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>
M.23	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.B.2.g.

ATTACHMENT - Emission Rates for Ambient Air Standards

South Carolina Electric & Gas Company – A.M. Williams Station TV-0420-0006 Page 1 of 3

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 Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2						
Emission Point ID	Emission Rates (lbs/hr)					
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
AUX ⁽¹⁾	5.98	4.06	184.2	99.8	29.92	--
CT1	3.68	3.68	64.6	281.6	29.67	--
CT2	3.68	3.68	64.6	281.6	29.67	--
UB1_100SCEN	580.4	574.7	12,650	3300	196.4	--
UB1_50SCEN	290.7	287.4	6325	1650	98.22	--
CH1A	0.00244	--	--	--	--	--
CH1B	0.00244	--	--	--	--	--
CH2A	0.00244	--	--	--	--	--
CH2B	0.00244	--	--	--	--	--
CH3	0.49	--	--	--	--	--
CH4	0.295	--	--	--	--	--
CH5	0.59	--	--	--	--	--
CH6	0.295	--	--	--	--	--
CH7A	0.00036	--	--	--	--	--
CH7B	0.00036	--	--	--	--	--
CH7C	0.00036	--	--	--	--	--
CH8	0.11	--	--	--	--	--
CH9	0.00107	--	--	--	--	--
CH10A	0.56	--	--	--	--	--
CH10B	0.242	--	--	--	--	--
CHEMMOD	0.31	--	--	--	--	--
SORBDAYBIN	0.00141	--	--	--	--	--
SORBSILO	0.00141	--	--	--	--	--

1) Auxiliary boilers are used for startup of main boiler and are not run once the main boiler reaches 50%. AUX is the common emission point for boilers AB1 and AB2. Emissions are the total for the two boilers.

ATTACHMENT - Emission Rates for Ambient Air Standards

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 2 of 3

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7				
Emission Rates (lbs/hr)				
Emission Point ID	Minor Source Baseline Date(s)			
	11/30/1977	None	11/30/1977	4/26/1990
	PM ₁₀	PM _{2.5}	SO ₂	NO _x
CH1A	0.00244	--	--	--
CH1B	0.00244	--	--	--
CH2A	0.00244	--	--	--
CH2B	0.00244	--	--	--
CH3	0.49	--	--	--
CH4	0.295	--	--	--
CH5	0.59	--	--	--
CH6	0.295	--	--	--
CH7A	0.00036	--	--	--
CH7B	0.00036	--	--	--
CH7C	0.00036	--	--	--
CH8	0.11	--	--	--
CH9	0.00107	--	--	--
CH10A	0.56	--	--	--
CH10B	0.242	--	--	--
CHEMMOD	0.31	--	--	--
SORBDAYBIN	0.00141	--	--	--
SORBSILO	0.00141	--	--	--
ST1NEG ⁽¹⁾	-40.8	--	--	--
UB-1	1.05	--	--	--

- 1) The 2009 modeling incorporated a negative emission rate of -40.8 lb/hr for boiler UB1. The negative emissions are due to a modification in 1979 that incorporated fuel changes and construction of an ESP control device that reduced the pre-MSBD emissions.

STANDARD NO. 2 and 7 - EXEMPTED AAQS EMISSION RATES (LBS/HR)						
Emission Point ID	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
AUX	--	--	--	--	--	0.00143
CH1A	--	0.0004	--	--	--	--
CH1B	--	0.0004	--	--	--	--
CH2A	--	0.0004	--	--	--	--
CH2B	--	0.0004	--	--	--	--
CH3	--	0.07	--	--	--	--
CH4	--	0.045	--	--	--	--

ATTACHMENT - Emission Rates for Ambient Air Standards

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

Page 3 of 3

STANDARD NO. 2 and 7 - EXEMPTED AAQS EMISSION RATES (LBS/HR)						
Emission Point ID	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead
CH5	--	0.09	--	--	--	--
CH6	--	0.045	--	--	--	--
CH7A	--	0.00005	--	--	--	--
CH7B	--	0.00005	--	--	--	--
CH7C	--	0.00005	--	--	--	--
CH8	--	0.016	--	--	--	--
CH9	--	0.005	--	--	--	--
CH10A	--	0.17	--	--	--	--
CH10B	--	0.037	--	--	--	--
CH20, CH29, CH30, CH31, CH32	0.19	0.03	--	--	--	--
CHEMMOD	--	0.047	--	--	--	--
CT1	--	--	--	--	--	0.00448
CT2	--	--	--	--	--	0.00448
FA1	0.43	0.43	--	--	--	--
FA2	0.43	0.43	--	--	--	--
GH1, GH2, GH6	0.75	0.17	--	--	--	--
LH1, LH2, LH3, LH4, LH5, LSA	0.63	0.22	--	--	--	--
SB1	0.026	0.026	0.015	0.924	1.026	0.00001
SB2	0.026	0.026	0.015	0.924	1.026	0.00001
SB4	0.026	0.026	0.015	0.924	1.026	0.00001
SB5	0.034	0.034	0.048	0.441	0.371	0.000002
SORBDAYBIN	--	0.0014	--	--	--	--
SORBSILO	--	0.0014	--	--	--	--
UB1_100SCEN	--	--	--	--	--	0.092

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 1 OF 12

The following contains the Federal and South Carolina air pollution regulations and their applicability, as specified in the Part 70 permit application.

Regulation Citation	Regulation Title	Applicable (Y/N)
SC Regulation 61-62.1	Definitions and General Requirements	Y
SC Regulation 61-62.2	Prohibition of Open Burning	Y
SC Regulation 61-62.3	Air Pollution Episodes	Y
SC Regulation 61-62.4	Hazardous Air Pollution Conditions	Y
SC Regulation 61-62.5, Std. No. 1	Emissions from Fuel Burning Operations	Y
SC Regulation 61-62.5, Std. No. 2	Ambient Air Quality Standards	Y
SC Regulation 61-62.5, Std. No. 3	Waste Combustion and Reduction	Y
SC Regulation 61-62.5, Std. No. 3.1	Hospital, Medical, Infectious Waste Incinerators (HMIWI)	N
SC Regulation 61-62.5, Std. No. 4	Emissions from Process Industries	Y
SC Regulation 61-62.5, Std. No. 5	Volatile Organic Compounds	N
SC Regulation 61-62.5, Std. No. 5.1	LAER Applicable to VOCs	N
SC Regulation 61-62.5, Std. No. 5.2	Oxides of Nitrogen	N
SC Regulation 61-62.5, Std. No. 6	Alternative Emission Limitation Options	N
SC Regulation 61-62.5, Std. No. 7	Prevention of Significant Deterioration	Y
SC Regulation 61-62.5, Std. No. 7.1	Non-Attainment New Source Review	N
SC Regulation 61-62.5, Std. No. 8	Toxic Air Pollutants	N
SC Regulation 61-62.6	Control of Fugitive Particulate Matter	Y
SC Regulation 61-62.7	Good Engineering Practice Stack Height	Y
SC Regulation 61-62.60	SC Designated Facility Plan and NSPS (Subparts A-KKKK)	Y
SC Regulation 61-62.61	National Emission Standards for Hazardous Air Pollutants (Subpart A and M – Asbestos)	Y
SC Regulation 61-62.61	National Emission Standards for Hazardous Air Pollutants (Subpart B - L and N – FF)	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 2 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
SC Regulation 61-62.63	National Emission Standards for Hazardous Air Pollutants (Subparts A – DDDDDDD)	Y
SC Regulation 61-62.68	Chemical Accident Prevention Provisions	Y
SC Regulation 61-62.70	Title V Operating Permit Program	Y
SC Regulation 61-62.72	Acid Rain	Y
SC Regulation 61-62.96	NO _x Budget Trading Program	Y
SC Regulation 61-62.99	NO _x Budget Trading Program Requirements for Stationary Sources Not in the Trading Program	N
40 CFR 60 subpart A	General Provisions	Y
40 CFR 60 subpart B	Adoption and Submittal of State Plans for Designated Facilities	N
40 CFR 60 subpart C	Emission Guidelines and Compliance Times	N
40 CFR 60 subpart Cb	Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or Before September 20, 1994	N
40 CFR 60 subpart Cc	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	N
40 CFR 60 subpart Cd	Emissions Guidelines and Compliance Times for Sulfuric Acid Production Units	N
40 CFR 60 subpart Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators	N
40 CFR 60 subpart D	Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971	N
40 CFR 60 subpart Da	Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	N
40 CFR 60 subpart Db	Industrial-Commercial-Institutional Steam Generating Units	N
40 CFR 60 subpart Dc	Small Industrial-Commercial-Institutional Steam Generating Units	N
40 CFR 60 subpart E	Incinerators	N
40 CFR 60 subpart Ea	Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989 and on or Before September 20, 1994	N
40 CFR 60 subpart Eb	Large Municipal Waste Combustors for Which Construction is Commenced After September 20, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996	N
40 CFR 60 subpart Ec	Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20, 1996	N
40 CFR 60 subpart F	Portland Cement Plants	N
40 CFR 60 subpart G	Nitric Acid Plants	N
40 CFR 60 subpart H	Sulfuric Acid Plants	N
40 CFR 60 subpart I	Hot Mix Asphalt Facilities	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 3 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 60 subpart J	Petroleum Refineries	N
40 CFR 60 subpart Ja	Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007	N
40 CFR 60 subpart K	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978	N
40 CFR 60 subpart Ka	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	N
40 CFR 60 subpart Kb	Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	N
40 CFR 60 subpart L	Secondary Lead Smelters	N
40 CFR 60 subpart M	Secondary Brass and Bronze Production Plants	N
40 CFR 60 subpart N	Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973	N
40 CFR 60 subpart Na	Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced After January 20, 1983	N
40 CFR 60 subpart O	Sewage Treatment Plants	N
40 CFR 60 subpart P	Primary Copper Smelters	N
40 CFR 60 subpart Q	Primary Zinc Smelters	N
40 CFR 60 subpart R	Primary Lead Smelters	N
40 CFR 60 subpart S	Primary Aluminum Reduction Plants	N
40 CFR 60 subpart T	Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plants	N
40 CFR 60 subpart U	Phosphate Fertilizer Industry: Super Phosphoric Acid Plants	N
40 CFR 60 subpart V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants	N
40 CFR 60 subpart W	Phosphate Fertilizer Industry: Triple Superphosphate Plants	N
40 CFR 60 subpart X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	N
40 CFR 60 subpart Y	Coal Preparation Plants	Y
40 CFR 60 subpart Z	Ferroalloy Production Facilities	N
40 CFR 60 subpart AA	Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974 and on or Before August 17, 1983	N
40 CFR 60 subpart AAa	Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983	N
40 CFR 60 subpart BB	Kraft Pulp Mills	N
40 CFR 60 subpart CC	Glass Manufacturing Plants	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 4 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 60 subpart DD	Grain Elevators	N
40 CFR 60 subpart EE	Surface Coating of Metal Furniture	N
40 CFR 60 subpart GG	Stationary Gas Turbines	N
40 CFR 60 subpart HH	Lime Manufacturing Plants	N
40 CFR 60 subpart KK	Lead-Acid Battery Manufacturing Plants	N
40 CFR 60 subpart LL	Metallic Mineral Processing Plants	N
40 CFR 60 subpart MM	Automobile and Light Duty Truck Surface Coating Operations	N
40 CFR 60 subpart NN	Phosphate Rock Plants	N
40 CFR 60 subpart PP	Ammonium Sulfate Manufacture	N
40 CFR 60 subpart QQ	Graphic Arts Industry: Publication Rotogravure Printing	N
40 CFR 60 subpart RR	Pressure Sensitive Tape and Label Surface Coating Operations	N
40 CFR 60 subpart SS	Industrial Surface Coating: Large Appliances	N
40 CFR 60 subpart TT	Metal Coil Surface Coating	N
40 CFR 60 subpart UU	Asphalt Processing and Asphalt Roofing Manufacture	N
40 CFR 60 subpart VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Mfg. Industry	N
40 CFR 60 subpart VVa	Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006	N
40 CFR 60 subpart WW	Beverage Can Surface Coating Industry	N
40 CFR 60 subpart XX	Bulk Gasoline Terminals	N
40 CFR 60 subpart AAA	New Residential Wood Heaters	N
40 CFR 60 subpart BBB	Rubber Tire Manufacturing Industry	N
40 CFR 60 subpart DDD	Volatile Organic Compound Emissions from the Polymer Manufacturing Industry	N
40 CFR 60 subpart FFF	Flexible Vinyl and Urethane Coating and Printing	N
40 CFR 60 subpart GGG	Equipment Leaks of VOC in Petroleum Refineries	N
40 CFR 60 subpart GGGa	Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced After November 7, 2006	N
40 CFR 60 subpart HHH	Synthetic Fiber Production Facilities	N
40 CFR 60 subpart III	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes	N
40 CFR 60 subpart JJJ	Petroleum Dry Cleaners	N
40 CFR 60 subpart KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	N
40 CFR 60 subpart LLL	Onshore Natural Gas Processing: SO2 Emissions	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 5 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 60 subpart NNN	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations	N
40 CFR 60 subpart OOO	Nonmetallic Mineral Processing Plants	Y
40 CFR 60 subpart PPP	Wool Fiberglass Insulation Manufacturing Plants	N
40 CFR 60 subpart QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems	N
40 CFR 60 subpart RRR	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Reactor Processes	N
40 CFR 60 subpart SSS	Magnetic Tape Coating Facilities	N
40 CFR 60 subpart TTT	Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	N
40 CFR 60 subpart UUU	Calciners and Dryers in Mineral Industries	N
40 CFR 60 subpart VVV	Polymeric Coating of Supporting Substrates Facilities	N
40 CFR 60 subpart WWW	Municipal Solid Waste Landfills	N
40 CFR 60 subpart AAAA	Small Municipal Waste Combustion Units After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001	N
40 CFR 60 subpart BBBB	Emission Guidelines and Compliance Times for Small Municipal Waste Constructed on or Before August 30, 1999	N
40 CFR 60 subpart CCCC	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	N
40 CFR 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	N
40 CFR 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	N
40 CFR 60 subpart FFFF	Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units that Commenced Construction On or Before December 9, 2004	N
40 CFR 60 subpart HHHH	Emission Guidelines and Compliance Times for Coal-Fired Electric Steam Generating Units	N
40 CFR 60 subpart IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	Y
40 CFR 60 subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	N
40 CFR 60 subpart KKKK	Standards of Performance for Stationary Combustion Turbines	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 6 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 60 subpart LLLL	Standards of Performance for New Sewage Sludge Incineration Units	N
40 CFR 60 subpart MMMM	Emission Guidelines and Compliance Times for Existing Sewage Sludge Incineration Units	N
40 CFR 61 subpart A	General Provisions	N
40 CFR 61 subpart B	Radon Emissions from Underground Uranium Mines	N
40 CFR 61 subpart C	Beryllium	N
40 CFR 61 subpart D	Beryllium Rocket Motor Firing	N
40 CFR 61 subpart E	Mercury	N
40 CFR 61 subpart F	Vinyl chloride	N
40 CFR 61 subpart H	Radionuclides Other Than Radon From Department of Energy Facilities	N
40 CFR 61 subpart I	Radionuclide Emissions From Facilities Licensed by the Nuclear Regulatory Commission and Federal Facilities Not covered by Subpart H	N
40 CFR 61 subpart J	Equipment Leaks (Fugitive Emission Source) of Benzene	N
40 CFR 61 subpart K	National Emission Standard for Radionuclide Emissions from Elemental Phosphorus Plants	N
40 CFR 61 subpart L	Benzene Emissions From Coke By-Product Recovery Plants	N
40 CFR 61 subpart M	Asbestos	Y
40 CFR 61 subpart N	Inorganic Arsenic Emissions From Glass Manufacturing Plants	N
40 CFR 61 subpart O	Inorganic Arsenic Emissions From Primary Copper Smelters	N
40 CFR 61 subpart P	Inorganic Arsenic Emissions From Arsenic Trioxide and Metallic Arsenic Production Facilities	N
40 CFR 61 subpart Q	Radon Emissions From Department of Energy Facilities	N
40 CFR 61 subpart R	Radon Emissions From Phosphogypsum Stacks	N
40 CFR 61 subpart T	Radon Emissions From the Disposal of Uranium Mill Tailings	N
40 CFR 61 subpart V	Equipment Leaks (Fugitive Emission Sources)	N
40 CFR 61 subpart W	Radon Emissions From Operating Mill Tailings	N
40 CFR 61 subpart Y	Benzene Emissions From Benzene Storage Vessels	N
40 CFR 61 subpart BB	Benzene Emissions From Benzene Transfer Operations	N
40 CFR 61 subpart FF	Benzene Waste Operations	N
40 CFR 63 subpart A	General Provisions	Y
40 CFR 63 subpart B	Requirements for Control Technology Determinations for Major Sources	N
40 CFR 63 subpart C	De-Listings	N
40 CFR 63 subpart D	Compliance Extensions for Early Reduction Sources	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 7 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 63 subpart E	Approval of State Programs and Delegation of Authority	N
40 CFR 63 subpart F	Synthetic Organic Chemical Manufacturing Industry, HON	N
40 CFR 63 subpart F	Tetrahydrobenzaldehyde Manufacture (Formerly Butadiene Dimers Production)	N
40 CFR 63 subpart G	Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater, HON	N
40 CFR 63 subpart H	Synthetic Organic Chemical Manufacturing Industry for Equipment Leaks, HON	N
40 CFR 63 subpart I	Synthetic Organic Chemical Manufacturing Industry for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks, HON	N
40 CFR 63 subpart J	Polyvinyl Chloride and Copolymers Production	N
40 CFR 63 subpart L	Coke Ovens	N
40 CFR 63 subpart M	Dry Cleaning	N
40 CFR 63 subpart N	Chrome Electroplating	N
40 CFR 63 subpart O	Ethylene Oxide Commercial Sterilization Facilities	N
40 CFR 63 subpart Q	Industrial Process Cooling Towers	N
40 CFR 63 subpart R	Gasoline Distribution (Bulk Gasoline Terminals and Pipeline Breakout Stations), Stage I	N
40 CFR 63 subpart S	Pulp and Paper Cluster Rule	N
40 CFR 63 subpart T	Degreasing Organic Cleaners (Halogenated Solvent Cleaning)	N
40 CFR 63 subpart U	Polymers and Resins Group I	N
40 CFR 63 subpart W	Polymers and Resins Group II, Epoxy Resins Production and Non-Nylon Polyamides Production	N
40 CFR 63 subpart X	Secondary Lead Smelting	N
40 CFR 63 subpart Y	Marine Vessel Unloading Operations	N
40 CFR 63 subpart AA	Phosphoric Acid Manufacturing Plants	N
40 CFR 63 subpart BB	Phosphate Fertilizers	N
40 CFR 63 subpart CC	Petroleum Refineries	N
40 CFR 63 subpart DD	Off-Site Waste and Recovery Operations	N
40 CFR 63 subpart EE	Magnetic Tape Manufacturing	N
40 CFR 63 subpart FF	Benzene Waste Operations	N
40 CFR 63 subpart GG	Aerospace Manufacturing and Rework Facilities	N
40 CFR 63 subpart HH	Oil and Gas Production Facilities	N
40 CFR 63 subpart II	Shipbuilding and Ship repair Facilities (Coating Operations)	N
40 CFR 63 subpart JJ	Wood Furniture Manufacturing Operations	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 8 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 63 subpart KK	Printing and Publishing	N
40 CFR 63 subpart LL	Primary Aluminum Reduction Plants	N
40 CFR 63 subpart MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills	N
40 CFR 63 subpart OO	Tanks- Level 1	N
40 CFR 63 subpart PP	Containers	N
40 CFR 63 subpart QQ	Surface Impoundments QQ	N
40 CFR 63 subpart RR	Individual Drain Systems	N
40 CFR 63 subpart SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or Process	N
40 CFR 63 subpart TT	Equipment Leaks-Control Level 1	N
40 CFR 63 subpart UU	Equipment Leaks-Control Level 2	N
40 CFR 63 subpart VV	Oil-Water Separators and Organic-Water Separators	N
40 CFR 63 subpart WW	Tanks - Level 2	N
40 CFR 63 subpart XX	National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations	N
40 CFR 63 subpart YY	Generic Maximum Achievable Control Technology (MACT) Standards	N
40 CFR 63 subpart CCC	Steel Pickling Facilities	N
40 CFR 63 subpart DDD	Mineral Wool Production	N
40 CFR 63 subpart EEE	Hazardous Waste Combustors	N
40 CFR 63 subpart GGG	Pharmaceuticals Production	N
40 CFR 63 subpart HHH	Natural Gas Transmission and Storage Facilities	N
40 CFR 63 subpart III	Flexible Polyurethane Foam Production	N
40 CFR 63 subpart JJJ	Polymers and Resins Group IV	N
40 CFR 63 subpart LLL	Portland Cement Manufacturing	N
40 CFR 63 subpart MMM	Pesticide Active Ingredients Production	N
40 CFR 63 subpart NNN	Wool Fiberglass Production	N
40 CFR 63 subpart OOO	Manufacture of Amino/Phenolic Resins	N
40 CFR 63 subpart PPP	Polyether Polyols Production	N
40 CFR 63 subpart QQQ	Primary Copper	N
40 CFR 63 subpart RRR	Secondary Aluminum Production	N
40 CFR 63 subpart TTT	Primary Lead Smelting	N
40 CFR 63 subpart UUU	Petroleum Refineries (catalytic cracking, catalytic reforming and sulfur plant units)	N
40 CFR 63 subpart VVV	Publicly Owned Treatment Works	N
40 CFR 63 subpart XXX	Ferrolloy Production	N
40 CFR 63 subpart AAAA	Municipal Solid Waste (MSW) Landfills	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 9 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 63 subpart CCCC	Manufacturing of Nutritional Yeast	N
40 CFR 63 subpart DDDD	Plywood and Composite Wood Products	N
40 CFR 63 subpart EEEE	Organic Liquids Distribution (nongasoline)	N
40 CFR 63 subpart FFFF	Misc. Organic Chemical Manufacturing (MON)	N
40 CFR 63 subpart GGGG	Solvent Extraction for Vegetable Oil Production	N
40 CFR 63 subpart HHHH	Wetted Formed Fiberglass Mat Production	N
40 CFR 63 subpart IIII	Automobile and Light Duty Trucks (surface coating)	N
40 CFR 63 subpart JJJJ	Paper & Other Web Coatings (paper, plastic, film, foil, etc.)	N
40 CFR 63 subpart KKKK	Metal Cans (Surface Coating)	N
40 CFR 63 subpart MMMM	Misc. Metal Parts and Products (Surface Coating)	N
40 CFR 63 subpart NNNN	Large Appliance (surface coating)	N
40 CFR 63 subpart OOOO	Fabric Printing, Coating and Dyeing	N
40 CFR 63 subpart PPPP	Plastic Parts and Products (Surface Coating)	N
40 CFR 63 subpart QQQQ	Wood Building Products (surface coating)	N
40 CFR 63 subpart RRRR	Metal Furniture (surface coating)	N
40 CFR 63 subpart SSSS	Metal Coil (surface coating)	N
40 CFR 63 subpart TTTT	Leather Finishing Operations	N
40 CFR 63 subpart UUUU	Cellulose Production Manufacturing	N
40 CFR 63 subpart VVVV	Boat Manufacturing	N
40 CFR 63 subpart WWWW	Reinforced Plastics Composites Production	N
40 CFR 63 subpart XXXX	Tire Manufacturing	N
40 CFR 63 subpart YYYYY	Combustion Turbines	N
40 CFR 63 subpart ZZZZ	Reciprocating Internal Combustion Engines (RICE)	Y
40 CFR 63 subpart AAAAA	Lime Manufacturing	N
40 CFR 63 subpart BBBBB	Semiconductor Manufacturing	N
40 CFR 63 subpart CCCCC	Coke Ovens: Pushing, Quenching and Battery Stacks	N
40 CFR 63 subpart DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	Y
40 CFR 63 subpart EEEEE	Iron and Steel Foundries	N
40 CFR 63 subpart FFFFF	Integrated Iron and Steel	N
40 CFR 63 subpart GGGGG	Site Remediation	N
40 CFR 63 subpart HHHHH	Misc. Coating Manufacturing	N
40 CFR 63 subpart IIIII	Mercury Cell Chlor-Alkali Plants	N
40 CFR 63 subpart JJJJJ	Brick and Structural Clay Products Manufacturing	N
40 CFR 63 subpart KKKKK	Clay Ceramic Manufacturing	N
40 CFR 63 subpart LLLLL	Asphalt Roofing and Asphalt Processing	N
40 CFR 63 subpart MMMMM	Flexible Polyurethane Foam Fabrication Operation	N
40 CFR 63 subpart NNNNN	Hydrochloric Acid Production and Fumed Silica Production	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 10 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 63 subpart PPPPP	Engine Test Cells/Stands	N
40 CFR 63 subpart QQQQQ	Friction Materials Manufacturing	N
40 CFR 63 subpart RRRRR	Taconite Iron Ore Processing	N
40 CFR 63 subpart SSSSS	Refractory Products Manufacturing	N
40 CFR 63 subpart TTTTT	Primary Magnesium Refining	N
40 CFR 63 subpart UUUUU	Coal and Oil Fired Electric Utility Steam Generating Units	Y
40 CFR 63 subpart WWWW	Hospital Ethylene Oxide Sterilizers	N
40 CFR 63 subpart XXXXX	Reserved	N
40 CFR 63 subpart YYYYY	Electric Arc Furnace Steelmaking Facilities	N
40 CFR 63 subpart ZZZZZ	Iron And Steel Foundries Area Sources	N
40 CFR 63 subpart BBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, And Pipeline Facilities	N
40 CFR 63 subpart CCCCC	Gasoline Dispensing Facilities	N
40 CFR 63 subpart DDDDD	Polyvinyl Chloride and Copolymers Production Area Sources	N
40 CFR 63 subpart EEEEE	Primary Copper Smelting Area Sources	N
40 CFR 63 subpart FFFFF	Secondary Copper Smelting Area Sources	N
40 CFR 63 subpart GGGGG	Primary Nonferrous Metals Area Sources-Zinc, Cadmium, and Beryllium	N
40 CFR 63 subpart HHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources	N
40 CFR 63 subpart JJJJJ	Industrial, Commercial, and Institutional Boilers Area Sources	N
40 CFR 63 subpart LLLLL	Acrylic and Modacrylic Fibers Production Area Sources	N
40 CFR 63 subpart MMMMM	Carbon Black Production Area Sources	N
40 CFR 63 subpart NNNNN	Chemical Manufacturing Area Sources: Chromium Compounds	N
40 CFR 63 subpart OOOOO	Flexible Polyurethane Foam Production and Fabrication Area Sources	N
40 CFR 63 subpart PPPPP	Lead Acid Battery Manufacturing Area Sources	N
40 CFR 63 subpart QQQQQ	Wood Preserving Area Sources	N
40 CFR 63 subpart RRRRR	Clay Ceramics Manufacturing Area Sources	N
40 CFR 63 subpart SSSSS	Glass Manufacturing Area Sources	N
40 CFR 63 subpart TTTTT	Secondary Nonferrous Metals Processing Area Sources	N
40 CFR 63 subpart VVVVV	Chemical Manufacturing Area Sources	N
40 CFR 63 subpart WWWW	Plating And Polishing Operations	N
40 CFR 63 subpart XXXXX	Metal Fabrication and Finishing Source Nine Categories (Area Sources)	N
40 CFR 63 subpart YYYYY	Ferrous Alloys Production (Area Sources)	N
40 CFR 63 subpart ZZZZZ	Aluminum, Copper, and Other Nonferrous Foundries	N

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 11 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 63 subpart AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing	N
40 CFR 63 subpart BBBBBBB	Chemical Preparations Industry	N
40 CFR 63 subpart CCCCCC	Paints and Allied Products Manufacturing	N
40 CFR 63 subpart DDDDDDD	National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Prepared Feeds Manufacturing	N
40 CFR 63 subpart EEEEEEE	National Emission Standards for Hazardous Air Pollutants: Gold Mine Ore Processing and Production Area Source Category	N
40 CFR 63 subpart HHHHHHH	National Emission Standards for Hazardous Air Pollutants: Polyvinyl Chloride and Copolymers Production	N
40 CFR 63	Case-by-Case MACT 112(g)	N
40 CFR 64	Compliance Assurance Monitoring	Y
40 CFR 68	Risk Management Programs Under Section 112(r)	Y
40 CFR 72	Permits Regulation	Y
40 CFR 72 Subpart A	Acid Rain Program General Provisions	Y
40 CFR 72 Subpart B	Designated Representative	Y
40 CFR 72 Subpart C	Acid Rain Permit Applications	Y
40 CFR 72 Subpart D	Acid Compliance Plan and Compliance Options	Y
40 CFR 72 Subpart E	Acid Rain Permit Contents	Y
40 CFR 72 Subpart F	Federal Acid Rain Permit Issuance Procedures	Y
40 CFR 72 Subpart G	Acid Rain Phase II Implementation	Y
40 CFR 72 Subpart H	Permit Revisions	Y
40 CFR 72 Subpart I	Compliance Certification	Y
40 CFR 73	Allowance System	Y
40 CFR 73 Subpart A	Background and Summary	Y
40 CFR 73 Subpart B	Allowance Allocations	Y
40 CFR 73 Subpart C	Allowance Tracking System	Y
40 CFR 73 Subpart D	Allowance Transfers	Y
40 CFR 73 Subpart E	Actions, Direct Sales, and Independent Power Producers Written Guarantee	Y
40 CFR 73 Subpart F	Energy Conservation and Renewable Energy Reserve	Y
40 CFR 73 Subpart G	Small Diesel Refineries	N
40 CFR 74	Sulfur Dioxide Opt-Ins	N
40 CFR 75	Continuous Emission Monitoring	Y
40 CFR 75 Subpart A	General	Y
40 CFR 75 Subpart B	Monitoring Provisions	Y
40 CFR 75 Subpart C	Operation and Maintenance Requirements	Y
40 CFR 75 Subpart D	Missing Data Substitution Procedures	Y
40 CFR 75 Subpart E	Alternative Monitoring Systems	Y

Attachment - Applicable and Non-Applicable Federal and State Regulations

South Carolina Electric & Gas Company – A.M. Williams Station

TV-0420-0006

PAGE 12 OF 12

Regulation Citation	Regulation Title	Applicable (Y/N)
40 CFR 75 Subpart F	Recordkeeping Requirements	Y
40 CFR 75 Subpart G	Reporting Requirements	Y
40 CFR 75 Subpart H	NOX Mass Emissions Provisions	Y
40 CFR 75 Subpart I	Hg Mass Emissions Provisions	Y
40 CFR 76	Acid Rain Nitrogen Oxides Emission Reduction Program	Y
40 CFR 77	Excess Emissions	Y
40 CFR 82	Protection of Stratospheric Ozone	Y
40 CFR 96	NOX Budget Trading Program and CAIR NOX and SO2 Trading Programs for State Implementation Plans	Y
40 CFR 96 Subpart AA	CAIR NOX Annual Trading Program General Provisions	Y
40 CFR 96 Subpart BB	CAIR Designated Representative for CAIR NOX Sources	Y
40 CFR 96 Subpart CC	Permits	Y
40 CFR 96 Subpart EE	CAIR NOX Allowance Allocations	Y
40 CFR 96 Subpart FF	CAIR NOX Allowance Tracking System	Y
40 CFR 96 Subpart GG	CAIR NOX Allowance Transfers	Y
40 CFR 96 Subpart HH	Monitoring and Reporting	Y
40 CFR 96 Subpart II	CAIR NOX Opt-in Units	Y
40 CFR 96 Subpart AAA	CAIR SO2 Trading Program General Provisions	Y
40 CFR 96 Subpart BBB	CAIR Designated Representative for CAIR SO2 Sources	Y
40 CFR 96 Subpart CCC	Permits	Y
40 CFR 96 Subpart FFF	CAIR SO2 Allowance Tracking System	Y
40 CFR 96 Subpart GGG	CAIR SO2 Allowance Transfers	Y
40 CFR 96 Subpart HHH	Monitoring and Reporting	Y
40 CFR 96 Subpart III	CAIR SO2 Opt-In Units	Y
40 CFR 96 Subpart AAAA	CAIR NOX Ozone Season Trading Program General Provisions	Y
40 CFR 96 Subpart BBBB	CAIR Designated Representative for CAIR NOX Ozone Season Sources	Y
40 CFR 96 Subpart CCCC	Permits	Y
40 CFR 96 Subpart EEEE	CAIR NOX Ozone Season Allowance Allocations	Y
40 CFR 96 Subpart FFFF	CAIR NOX Ozone Season Allowance Tracking System	Y
40 CFR 96 Subpart GGGG	CAIR NOX Ozone Season Allowance Transfers	Y
40 CFR 96 Subpart HHHH	Monitoring and Reporting	Y
40 CFR 96 Subpart IIII	CAIR NOX Ozone Season Opt-In Units	Y
40 CFR 98	Mandatory Reporting of Greenhouse Gases	Y

Attachment - CAIR Permit

South Carolina Electric & Gas Company - A.M. Williams Station
TV-0420-0006
PAGE 1 OF 6



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

Williams Station	SC	3928
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
WIL1 (Unit ID #1 in TV permit)	X	X	X
WIL4 (Unit ID #4 in TV permit)	X	X	X
WIL5 (Unit ID #5 in TV permit)	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,

Attachment - CAIR Permit

South Carolina Electric & Gas Company - A.M. Williams Station

TV-0420-0006

PAGE 2 OF 6

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).

(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

Attachment - CAIR Permit

South Carolina Electric & Gas Company - A.M. Williams Station

TV-0420-0006

PAGE 3 OF 6

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 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.

Attachment - CAIR Permit

South Carolina Electric & Gas Company - A.M. Williams Station

TV-0420-0006

PAGE 4 OF 6

(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

(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

Attachment - CAIR Permit

South Carolina Electric & Gas Company - A.M. Williams Station

TV-0420-0006

PAGE 5 OF 6

(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).

Attachment - CAIR Permit

South Carolina Electric & Gas Company - A.M. Williams Station

TV-0420-0006

PAGE 6 OF 6

(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 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.

Attachment - Title IV - Acid Rain Program

South Carolina Electric & Gas Company – A.M. Williams Station TIV-0420-0006 PAGE 1 OF 2

State of South Carolina Acid Rain Permit

Issued to: A.M. Williams Station
Operated by: SCE&G, a subsidiary of SCANA Corporation
ORIS code: 3298
Permit No.: 0420-0006
Issue Date: October 11, 2016
Effective Date: January 1, 2017
Expiration Date: December 31, 2021

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:

SO ₂ Allowance Allocations * (Under Tables 2, 3, or 4 of 40 CFR Part 73)			
Emission Unit ID	Equipment ID	2010 and Beyond	Additional Requirements
01	UB1/WIL1	15,849 tons	-

*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)

Attachment - Title IV - Acid Rain Program

South Carolina Electric & Gas Company – A.M. Williams Station

TIV-0420-0006

PAGE 2 OF 2

NO_x Emission Limitations (On an Annual Average Basis)			
Emission Unit ID	Equipment ID	lb/10⁶ Btu of Heat Input	Additional Requirements
01	UB1/WIL1	0.40	In addition to the described NO _x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR Part 76, including the duty to reapply for a NO _x compliance plan and requirements covering excess emissions.

3) Permit Revisions:

RECORD OF REVISIONS		
Revision Date	Type (AA, MM, SM)	Description of Change

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

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.