

SC DEPARTMENT of ENVIRONMENTAL SERVICES

Bureau of Air Quality Title V Operating Permit

Cope Station 405 Teamwork Road Cope, South Carolina 29038 Orangeburg County

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5), 48-1-100(A), 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 December 10, 2019, as amended. All official correspondence, plans, permit applications, and written statements are an integral part of the permit. Any false information or misrepresentation in the application for a construction permit may be grounds for permit revocation.

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: Agency Air Number:	TV-1860-0044 v1.1 1860-0044
Issue Date:	May 24, 2022
Effective Date:	July 1, 2022
Expiration Date:	June 30, 2027
PARTM	AL SER
Steve McCaslin, P. E.,	Director
Air Permitting Div	ision 🖉
Bureau of Air Qua	ality
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RECORD OF REVISIONS			
Date Type Description of Changes			
	SM	The Standard 1 particulate matter (PM) source testing requirements of Condition C.9 are subsumed by the Standard 7 (BACT) PM source testing requirements in Condition C.12. The Department name and logo were also updated. Correction of typographical error by adding the word "submitted" to the last paragraph of Condition C.57.	
A A	Administ	cative Amondmont	

AA Administrative Amendment

MM Minor Modification

SM Significant Modification

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A. EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description	
01	Utility Boiler No. 1	
02	Auxiliary Boiler No. 1	
03	VOID – Fire Water Pump Diesel Engine (insignificant activity)	
04	Coal Handling Operations	
05	Limestone Handling	
06	Ash Recycle Silo	
07	Ash Disposal Silo A	
08	Ash Disposal Silo B	
09	Haul Trucks to Landfill	
10	Ash Landfill Management	
11	VOID - 15,000 gallon distillate fuel oil tank (insignificant activity)	
12	Chem-Mod System	
13	Emergency Diesel Generator	
14	Activated Carbon Injection (ACI) System	

B. EQUIPMENT AND CONTROL DEVICE(S)

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

Equipment	Equipment Description	Installation/	Control	Emission
ID		Modification Date	Device ID	Point ID
UB1	4,000 million Btu/hr nominally rated	1993/2018	CD-BAG1	
	Coal/Synfuel/No. 2 Fuel Oil/On-Spec Used		CD-FGD1	UB-1
	Oil/Natural Gas Dry Bottom, Tangential Fired		CD-LNB1	
	Boiler with tiltable low NO _X burners and overfire		CD-OFA1	
	air		CD-SCR1	

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

Control Device ID	Control Device Description	Installation/ Modification Date	Pollutant(s) Controlled
CD-BAG1	Unit 1 Fabric Filter Baghouse, ABB	1993	PM, PM ₁₀ , PM _{2.5} , Hg
CD-FGD1	Unit 1 Flue Gas Desulfurizer 1 with two (2) reactor vessels (dry scrubber)	1993	SO ₂ , Hg
CD-LNB	Unit 1 Tiltable Low NO _X Burners	1993	NO _X
CD-OFA1	Unit 1 Overfire Air	1993/2005	NO _X

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

Control	Control Device Description	Installation/	Pollutant(s)
Device ID		Modification Date	Controlled
CD-SCR1	Unit 1 Selective Catalytic Reduction (Voluntary)	2008	NO _X

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

Equipment	Equipment Description	Installation/	Control	Emission
ID		Modification Date	Device ID	Point ID
AB1	190.4 million Btu/hr nominally rated No. 2 Fuel Oil/On-Spec Used Oil/Natural Gas Fired Auxiliary Boiler	1993/2018	None	AB1

B.4 EQUIPMENT FOR EMISSION UNIT 04 – Coal Handling Operations

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
CST	Coal Concrete Stacking Tube, partially enclosed, EC1 to CP1, 2,500 tons per hour	1993	None	CH8 (fugitive)
CVF	Coal Vibratory Feeders (three), enclosed below grade, RCD to DC1, 2,500 tons per hour	1993	CD-WS1	CH1
DC1	Coal Stackout Conveyor, enclosed, RUH to TH1/SR1, 2,500 tons per hour	1993	CD-BAG4	CH2
EC1	Emergency Coal Stackout Conveyor, enclosed, DC1 to CST, 2,500 tons per hour	1993	None	CH8 (fugitive)
RCD	Rotary Coal Dumper, partially enclosed, RUH to CVF, 2,500 tons per hour	1993	CD-WS1	CH1
RUH	Coal Railcar Unloading House, partially enclosed structure, 2500 tons per hour	1993	CD-WS1	CH1
SR1	Coal Stacker/Reclaimer Conveyor, enclosed, TH1/DC1 to SR2 or TH2/CSB, 2,500/1,000 tons per hour	1993	CD-BAG3 CD-WS2	CH3 CH6
SR2	Coal Stacker/Reclaimer, bi-directional, partially enclosed, SR1 to/from CP1, 2,500/1,000 tons per hour	1993	CD-WS2 CD-WS3	CH3/5 CH4 (fugitive)
TH1	Coal Transfer House 1, enclosed structure, with sampler, splitter, and magnetic separator	1993	CD-BAG4	CH2
CC1 CC2	Coal Crushers 1 and 2, enclosed, CSB to RC1, 1,000 tons per hour (total)	1993	CD-BAG3	CH6
CSB	Coal Surge Bin, enclosed, EC2 or SR1 to CC1 and CC2, 1,000 tons per hour	1993	CD-BAG3	CH6

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B.4 EQUIPMENT FOR EMISSION UNIT 04 – Coal Handling Operations

Equipment	Equipment Description	Installation/	Control	Emission Boint ID
	Coal Transfer House 2 enclosed structure	1993	CD-BAG3	CH6
1112	Coal Silo Storage, enclosed, TC1 and TC2 to Unit 1	1555	CD-DAGS	CHO
CSS	(UB1), 1,000 tons per hour (total)	1993	CD-BAG2	CH7
RC1	Coal Reclaim Conveyors 1 and 2, enclosed, CC1			
RC2	and CC2 to TC1 and TC2, 1,000 tons per hour (total)	1993	CD-BAG2	CH7
SS1	Coal Storage System 1, enclosed structure	1993	CD-BAG2	CH7
TC1	Coal Tripper Conveyors 1 and 2, enclosed, RC1	1003	CD-BAG2	CH7
TC2	and RC2 to CSS, 1,000 tons per hour (total)		CD-DAGZ	CIT
EC2	Coal Emergency Reclaim Conveyor, EVF to TH2/CSB, 500 tons per hour	1993	CD-BAG3	CH6
EVE	Emergency Vibratory Feeder, CBD to EC2, 500 tons	1993	None	CH9
	per hour			(fugitive)
CBD	Coal Pile Maintenance/Emergency Reclaim	1993	None	CH10
	Bulldozer, CP1 to EVF, 500 tons per hour			(fugitive)
СНТ	Coal Transfer: Coal Haul Truck Unloading/Loading	1993	None	CH13
				(fugitive)
CP1	Coal Pile. 22 acre capacity	1993/2010	None	CH11
			Home	(fugitive)
HT-4a	Coal Truck Traffic (unpayed portion)	1993	None	CH12
				(fugitive)
HT-4b	Coal Truck Traffic (paved portion)	1993	None	CH14
				(fugitive)

B.5 CONTROL DEVICE(S) FOR EMISSION UNIT 04 – Coal Handling Operations

Control Device ID	Control Device Description	Installation/ Modification Date	Pollutant(s) Controlled
CD-BAG2	Fabric Filter Baghouse at SS1, Amerex	1993	PM, PM ₁₀ , PM _{2.5}
CD-BAG3	Fabric Filter Baghouse at TH2, Amerex	1993	PM, PM ₁₀ , PM _{2.5}
CD-BAG4	Fabric Filter Baghouse at TH1, Amerex	1993	PM, PM ₁₀ , PM _{2.5}
CD-WS1	Wet Suppression at RUH (voluntary)	1993	PM, PM ₁₀ , PM _{2.5}
CD-WS2	Wet Suppression at SR1 to/from SR2 transfer (voluntary)	1993	PM, PM ₁₀ , PM _{2.5}
CD-WS3	Wet Suppression at SR2 to/from CAP transfer (voluntary)	1993	PM, PM ₁₀ , PM _{2.5}

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B.6 EQUIPMENT FOR EMISSION UNIT 05 – Limestone Handling

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
LH1	Lime Unloading (rail or truck)	1993	None	LH1
SIL1	Lime Silo, 200 tons per hour, with BAG5 bin vent Model No. DCEDLM-V18/15	1993	None	LH2

B.7 EQUIPMENT FOR EMISSION UNIT 06 – Ash Recycle Silo

Equipment	Equipment Description	Installation/	Control	Emission
ID		Modification Date	Device ID	Point ID
SIL2	Ash Recycle Silo, 100 tons per hour, with bin vent, Hosakawa Mikropul Model No. 645-10-20 "B"	1993	None	AH1

B.8 EQUIPMENT FOR EMISSION UNIT 07 – Ash Disposal Silo A

Equipment	Equipment Description	Installation/	Control	Emission
ID		Modification Date	Device ID	Point ID
SIL3	Ash Disposal Silo A, 160 tons per hour, with bin vent, Hosakawa Mikropul Model No. 645-10-20 "B"	1993	CD-WS6	AH2/4

B.9 CONTROL DEVICE(S) FOR EMISSION UNIT 07 – Ash Disposal Silo A

Control	Control Device Description	Installation/	Pollutant(s)
Device ID		Modification Date	Controlled
CD-WS6	Wet Suppression at Ash Loadout (Voluntary)	1993	PM, PM ₁₀ , PM _{2.5}

B.10 EQUIPMENT FOR EMISSION UNIT 08 – Ash Disposal Silo B

Equipment	Equipment Description	Installation/	Control	Emission
ID		Modification Date	Device ID	Point ID
SIL4	Ash Disposal Silo B, 160 tons per hour, with bin vent, Hosakawa Mikropul Model No. 645-10-20 "B"	1993	CD-WS7	AH3/5

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B.11 CONTROL DEVICE(S) FOR EMISSION UNIT 08 – Ash Disposal Silo B

Control	Control Device Description	Installation/	Pollutant(s)
Device ID		Modification Date	Controlled
CD-WS7	Wet Suppression at Ash Loadout (Voluntary)	1993	PM, PM ₁₀ , PM _{2.5}

B.12 EQUIPMENT FOR EMISSION UNIT 09 – Haul Trucks to Ash Landfill

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
HT1	Ash Disposal Silo A to Ash Haul Truck Transfer, 160 tons per hour, with bin vent, Hosakawa Mikropul Model No. 645-10-20 "B"	1993	None	AH2/4
HT2	Ash Disposal Silo B to Ash Haul Truck Transfer, 160 tons per hour, with bin vent, Hosakawa Mikropul Model No. 645-10-20 "B"	1993	None	AH3/5
HT3	Ash Haul Truck Traffic (paved and unpaved), 160 tons per hour	1993	CD-WS8	AH6/AH11

B.13 CONTROL DEVICE(S) FOR EMISSION UNIT 09 – Haul Trucks to Ash Landfill

Control	Control Device Description	Installation/	Pollutant(s)
Device ID		Modification Date	Controlled
CD-WS8	Wet Suppression at Ash Haul Road (Voluntary)	1993	PM, PM ₁₀ , PM _{2.5}

B.14 EQUIPMENT FOR EMISSION UNIT 10 – Ash Landfill Management

Equipment ID	Equipment Description	Installation/ Modification Date	Control Device ID	Emission Point ID
ATK	Haul Trucks Unloading at Ash Landfill	1993	None	AH7
BD2	Bulldozer Operations for Ash Landfill Management	1993	None	AH8
EL2	End Loader Operations for Bottom Ash Management	1993	None	AH8
AP1	Wind Erosion from Ash Landfill	1993	None	AH9

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B.15 EQUIPMENT FOR EMISSION UNIT 12 - Chem-Mod System

Equipment	Equipment Description	Installation/	Control	Emission
ID	Equipment Description	Modification Date	Device ID	Point ID
CM	Chem-Mod Coal Transfer Process (RC1, RC2, TH2)	4/10/2014	None	CHEMMOD
U3100	Pug Mill w/ twin 50 horsepower drive motors	4/10/2014	None	CHEMMOD
U3280	Screw Conveyor, 10 horsepower	4/10/2014	None	CHEMMOD
U3250	Day Bin Cyclone	4/10/2014	CD-DC11	CHEMMOD
S8200	S-Sorb® Silo Tank , 150 ton fill capacity	4/10/2014	CD-DC9	SORBSILO
S3200	S-Sorb® Day Bin Tank , 50 ton fill capacity	4/10/2014	CD-DC10	SORBDAYBIN

B.16 CONTROL DEVICE(S) FOR EMISSION UNIT 12 – Chem-Mod System

Control Device ID	Control Device Description	Installation/ Modification Date	Pollutant(s) Controlled
CD-DC9	Dust Collector (Inherent)	4/10/2014	PM, PM ₁₀ , PM _{2.5}
CD-DC10	Dust Collector (Inherent)	4/10/2014	PM, PM ₁₀ , PM _{2.5}
CD-DC11	Dust Collector (Inherent)	4/10/2014	PM, PM ₁₀ , PM _{2.5}

B.17 EQUIPMENT FOR EMISSION UNIT 13 – Emergency Diesel Generator

Equipment	Equipment Description	Installation/	Control	Emission
ID		Modification Date	Device ID	Point ID
EG-1	600 Hp (445 kW) Emergency Diesel Generator	1993	None	EG-1

B.18 EQUIPMENT FOR EMISSION UNIT 14 – Activated Carbon Injection (ACI) System

Equipment	Equipment Description	Installation/	Control	Emission
ID		Modification Date	Device ID	Point ID
ACI-1	500 lb/hr Portable Activated Carbon Injection (ACI)			
	System that consists of an M-PACT unit (skid			ACI-BV1
	hopper with bin vent filter and one gravimetric	2015	None	ACI-BV2
	feeder with bin vent filter) and associated			ACI-BV3
	pneumatic conveying duct work			

C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
C.1	Emission Unit ID: All

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	Equipment ID: All Control Device ID: All
	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.
	Emission Unit ID: All Equipment ID: All Control Device ID: All
C.2	(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.
C.3	 Emission Unit ID: All Equipment ID: All Control Device ID: All (S.C. Regulation 61-62.5, Standard No. 4, Section X – Non-Enclosed Operations): (a) All non-enclosed operations shall be conducted in such a manner that a minimum of particulate matter becomes airborne. (b) The owner/operator of all such operations shall maintain dust control of the premises and any roadway owned or controlled by the owner/operator by paving, or other suitable measures. Oil treatment is prohibited. (c) All crushing, drying, classification and like operations shall employ a suitable control device acceptable to the Department, and shall discharge no more particulate matter than that specified in Section VIII of this Standard. (S.C. Regulation 61-62.6 - Control of Fugitive Particulate Matter, Section III - Control of Fugitive Particulate Matter Statewide): (a) Emissions of fugitive particulate matter shall be controlled in such a manner and to the degree

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions	
	that it does not create an undesirable level of air pollution.	
	(b) Restrictions and requirements may be contained in operating permits on a case-by-case basis that are deemed appropriate and necessary to control fugitive particulate matter in accordance with reasonably available control technology.	
	(c) No source/plant shall use any method of materials handling which will generate fugitive particulate matter that is not fully described in the permit application.	
	(d) Volatile organic compounds shall not be used for dust control purposes. Oil treatment is also prohibited	
	Monitoring/Record Keeping/Reporting/Other:	
	The owner/operator shall prepare a plan to minimize fugitive particulate matter emissions. The plan shall, at a minimum:	
	(a) Identify sources that reasonably have the potential to emit fugitive particulate matter. These sources shall include but are not limited to roadways, storage piles, etc.	
	(b) Include steps that the owner/operator takes to minimize fugitive emissions from the identified sources	
	(c) Record episodes of excess fugitive particulate matter emissions	
	(d) Record the corrective actions taken to mitigate emissions during the episode	
	(e) Other source specific requirements (e.g., from construction permits, etc.)	
	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.	
	Emission Unit ID: 01	
	Equipment ID: UB1	
	Control Device ID: CD-BAG1	
	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.	
C.4	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.	
	 When conducting source tests subject to this section, the owner, operator, or representative shall provide the following: Department access to the facility to observe source tests; 	

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions	
	Sampling ports adequate for test methods;	
	Safe sampling site(s);	
	Safe access to sampling site(s);	
	Utilities for sampling and testing equipment; and	
	Equipment and supplies necessary for safe testing of a source.	
	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.	
	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.	
	Emission Unit ID: 01, 04, 12	
	Equipment ID: UB1, DC1, SR1, TH1, CC1, CC2, CSB, TH2, CSS, RC1, RC2, SS1, TC1, TC2, EC2, U3250, S8200, S3200	
	Control Device ID: CD-BAG1, CD-FGD1, CD-BAG2, CD-BAG3, CD-BAG4	
C.5	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/operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel.	
	(S.C. Regulation 61-62.1, Section II(J)(1)(d)) Sources required to have continuous emission monitors shall submit reports as specified in applicable parts of the permit, law, regulations, or standards.	
C.6	Emission Unit ID: 01, 04, 12 Equipment ID: UB1, DC1, SR1, TH1, CC1, CC2, CSB, TH2, CSS, RC1, RC2, SS1, TC1, TC2, EC2, U3250, S8200, S3200	
	Control Device ID: CD-BAG1, CD-FGD1, CD-BAG2, CD-BAG3, CD-BAG4	
	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	

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	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 be submitted to indicate such.
	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 S.C. Regulation 61-62.70.7.
	Emission Unit ID: 02, 04, 05, 06, 07, 08, 09, 10, 12 Equipment ID: AB1, CST, CVF, DC1, EC1, RCD, RUH, SR1, SR2, TH1, CC1, CC2, CSB, TH2 CSS, RC1, RC2, SS1, TC1, TC2 EC2, EVF, CBD, CHT, CP1, SIL1, SIL2, SIL3, SIL4, HT1, HT2, HT3, ATK, BD2, EL2, AP1, CM, U3100, U3280, U3250, S8200, S3200
	Control Device ID: CD-BAG2, CD-BAG3, CD-BAG4, CD-WS1, CD-WS2, CD-WS3, CD-WS6, CD-WS7, CD-WS8, CD-DC11, CD-DC9, CD-DC10
C.7	Visual inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions.
	The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water.
	Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. 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.
	Emission Unit ID: 01
	Control Device ID: CD-SCR1
C.8	It has been determined that this facility is subject to 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; therefore, the following must be completed:
	• Submittal of subsequent revisions/corrections/updates of the RMP in accordance with S.C. Regulation 61-62.68.190 and 68.195.
	• 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

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	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.
	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.
C.9	Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-BAG1
	Limits/Standards: (S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate matter resulting from fuel burning operations is based on the input heat rate of each source. 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: $E = 57.84 P^{-0.637}$
	Where E = the allowable emission rate in pounds per million BTU heat input And P = million BTU heat input per hour
	Testing: The source testing required by S.C. Regulation 61-62.5, Standard No. 1, Section VI is subsumed by the source testing requirements of S.C. Regulation 61-62.5, Standard No. 7 (BACT) in Condition C.12.
	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.
	This unit may bypass the fabric filter baghouse (CD-BAG1) while using No. 2 fuel oil and/or natural gas during start-ups to alleviate potential damage to the fabric filters at low start-up flue gas temperatures or during periods of baghouse malfunction or mechanical failure at which times the owner/operator shall follow procedures as outlined in SC Regulation 61-62.1 Section II(J). Baghouse operations shall be consistent with the technological limitations, manufacturers' specifications, safety concerns, and good engineering and maintenance practices for the baghouse. Records of when and how long the fabric filters are bypassed must be kept on site and made available to the Bureau upon request.
C.10	Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-FGD1
	Limits/Standards: (S.C. Regulation 61-62.5, Standard No. 1, Section III) The maximum allowable

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number		Conditions	
	discharge of su hour block aver	Ilfur dioxide (SO ₂) resulting from this source is 2.3 pounds prage).	per million BTU input (24
	Monitoring/Resulfur dioxide li	ecord Keeping/Reporting/Other: CEMs reports demonstration in the submitted semiannually.	ating compliance with the
	Emission Unit Equipment ID: Control Device	ID: 01 © UB1 e ID: CD-BAG1	
	Limits/Standa not discharge i exceeded for so nor be exceed sootblowing sh	rds: (S.C. Regulation 61-62.5, Standard No. 1, Section I) The function the ambient air smoke which exceeds opacity of 20%. Notblowing, but may not be exceeded for more than 6 minuted for more than a total of 24 minutes in a 24 hour period all not exceed an opacity of 60%.	iel burning source(s) shall The opacity limit may be ites in a one hour period od. Emissions caused by
C.11	Owners and op associated air p practices for m time, magnitud shutdown and	perators shall, to the extent practicable, maintain and oper pollution control equipment in a manner consistent with g inimizing emissions. In addition, the owner or operator sh e, duration, and any other pertinent information to determin make available to the Department upon request.	ate any source including ood air pollution control all maintain a log of the ne periods of startup and
	Monitoring/Re continuous mo performance sp	ecord Keeping/Reporting/Other: The owner or operator shonitoring system(s) for the measurement of opacity. The pecifications in S.C. Regulation 61-62.5, Standard No. 1, Section	nall operate and maintain monitor shall meet the on IV(D).
	The owner/op Regulation 61-6	erator shall maintain records and submit semiannual r 52.5, Standard No. 1, Section IV.	eports as listed in S.C.
	Equipment ID: Control Device	UB1 e ID: CD-BAG1, CD-FGD1, CD-LNB, CD-OFA1	
	Limits/Standa - Prevention of	rds: This source is subject to all provisions of S.C. Regulation Significant Deterioration. The following BACT limits have be	n 61-62.5, Standard No. 7 een established:
C.12	Pollutant	BACT Limit	Averaging Period
	PM	Proper use of fabric filter baghouse along with limits of 0.02 lb/MMBtu and 80.0 lb/hr	3 hour block average
	PM ₁₀	Proper use of fabric filter baghouse along with limits of 0.018 lb/MMBtu and 72.0 lb/hr	3 hour block average
	SO ₂	Proper use of flue gas desulfurization along with limits of 0.25 lb/MMBtu and 1000.0 lb/hr	30 day rolling average

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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		Conditions	
	NO _X	Proper use of Low-NO _X Burners, Overfire Air, and Good Combustion Practices along with limits of 0.32 lb/MMBtu and 1280.0 lb/hr	30 day rolling average
	со	Good Combustion Practices along with limits of 0.15 lb/MMBtu and 600.0 lb/hr	3 hour block average
	VOC	Good Combustion Practices along with limits of 0.01 lb/MMBtu and 40.0 lb/hr	3 hour block average
	Lead	Limits of 0.00033 lb/MMBtu and 1.3 lb/hr	3 hour block average
	Beryllium	Proper use of fabric filter baghouse along with limits of 0.001 lb/MMBtu and 4.0 lb/hr	3 hour block average
	Mercury	Proper use of fabric filter baghouse along with limits of 0.001 lb/MMBtu and 4.0 lb/hr	3 hour block average
	Fluorides	Proper use of flue gas desulfurization and fabric filter baghouse along with limits of 0.01 lb/MMBtu and 40.0 lb/hr	24 hour block average
	H ₂ SO ₄ (sulfuric acid)	Proper use of flue gas desulfurization along with limits of 0.011 lb/MMBtu and 44.0 lb/hr	3 hour block average
	Testing: An in been complete limits while firin required to sou event of any ch source test to d	itial source test for PM, PM ₁₀ , SO ₂ , NO _X , CO, VOC, Lead, Be d on the utility boiler to demonstrate compliance with es ng coal. To demonstrate compliance with the PM, PM ₁₀ , an urce test the utility boiler on a schedule of every two years hanges to the process that may increase emissions, the De letermine status and any appropriate actions if not in compl	ryllium, and Mercury has tablished BACT emission d CO limits, the facility is while firing coal. In the partment may request a liance.
	(maximum sulf	ur content of 2.2% by weight), synfuel, no. 2 fuel oil, on-spec	used oil, and natural gas

(maximum sulfur content of 2.2% by weight), synfuel, no. 2 fuel oil, on-spec used oil, and natural gas as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department. Particulate emissions from the utility boiler shall be controlled by the use of fabric filters equipped with a device to continuously measure pressure drop. Sulfur dioxide emissions from the utility boiler shall be controlled by the use of a flue gas desulfurization system. Nitrogen oxide emissions from the utility boiler shall be controlled by the use of low-NO_X burners, overfire air, and good combustion practices. The owner/operator shall continuously operate the fabric filter baghouse and flue gas desulfurization system (except as noted below), low-NOx burners, and overfire air controls at all times that the Unit 1 Boiler is in operation, consistent with the technological limitations, manufacturers' specifications, and good engineering and maintenance practices for these controls. This unit may bypass the fabric filter baghouse and flue gas desulfurization system as allowed by S.C. 61-62.63 and 40 CFR 63 Subpart UUUUU. Records of when and how long the fabric filters and flue gas desulfurization system are bypassed must be kept on site and made available to

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	the Bureau upon request.
	Emission Unit ID: 01
	Equipment ID: UB1
	Control Device ID: CD-BAG1, CD-FGD1
C.13	The owner/operator shall record and maintain records of the start and end date and time, mode of operation, type of fuel combusted, and duration when the fabric filter baghouse and/or flue gas desulfurizer are being bypassed. These records shall be kept on site and made available to the Department upon request.
	Emission Unit ID: 01
	Equipment ID: UB1
	Control Device ID: CD-BAG1, CD-FGD1, CD-SCR1, CD-LNB1, CD-OFA1
	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:
	Coal
	No. 2 fuel oil
	Natural Gas
	Covol Technologies® (Synthetic Binder)
	Halren J316 v203W LN®
	Heritage HES Emulsion (AM-ELIZ395) ®
C.14	Heritage ECS Emulsion (AM-ELIZ371) ®
	Naico 7899®
	Naico 9838® binder (water based vinyi polymer) Modified fuel using Chem Med process (S. Serb@ and MerSerb@
	materials)
	Additives Registered Per 40 CFR 79
	Emissions from modified coal combustion shall not be greater than that resulting from combustion of virgin coal.
	Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain logs of the
	name and quantity of additives or modifiers added to each fuel source on a calendar month basis.
	For additives not registered Per 40 CFR 79, a chemical analysis, manufacturer's certification, or SDS
	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.

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-BAG1
C.15	This source is subject to New Source Performance Standards (NSPS), 40 CFR 60 Subpart A, General Provisions and Subpart Da, Standards Of Performance For Electric Utility Steam Generating Units, and S.C. Regulation 61-62.60 Subparts A and Da, Standards Of Performance For Electric Utility Steam Generating Units, as applicable. This source shall comply with all applicable requirements of Subparts A and Da.
	Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-BAG1
	40 CFR §60.42Da Standards For Particulate Matter (PM)
C.16	 (40 CFR §60.42Da(a)) An owner or operator of an affected facility shall not cause to be discharged into the atmosphere from any affected facility for which construction, reconstruction, or modification commenced before March 1, 2005, any gases that contain PM in excess of 13 ng/J (0.03 lb/MMBtu) heat input. (40 CFR §60.42Da(b)) An owner or operator of an affected facility shall not cause to be discharged into the atmosphere any gases which exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.
	Emission Unit ID: 01
C.17	40 CFR §60.48Da Compliance Provisions (PM)
	 (§60.48Da(a)) For affected facilities for which construction, modification, or reconstruction commenced before May 4, 2011, the applicable PM emissions limit and opacity standard under §60.42Da apply at all times except during periods of startup, shutdown, or malfunction. (§60.48Da(f)) For affected facilities for which construction, modification, or reconstruction commenced before May 4, 2011, compliance with the applicable daily average PM emissions limit is determined by calculating the arithmetic average of all hourly emission rates each boiler operating day, except for data obtained during startup, shutdown, or malfunction periods. Daily averages are only calculated for boiler operating days that have non-out-of-control data for at least 18 hours of unit operation during which the standard applies. (§60.48Da(q)) Compliance provisions for sources subject to §60.42Da(b). An owner or operator of an affected facility subject to the opacity standard in §60.42Da(b) shall monitor.

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions	
	the opacity of emissions discharged from the affected facility to the atmosphere according to the requirements in $(60.49 \text{ Da}(a))$ as applicable to the affected facility	
C.18	Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-BAG1	
	40 CFR §60.49Da Emission Monitoring (PM)	
	 (a)(1) the owner/operator shall maintain and operate a COMS, and record the output of the system, for measuring the opacity of emissions discharged to the atmosphere. If opacity interference due to water droplets exists in the stack (for example, from the use of an FGD system), the opacity is monitored upstream of the interference (at the inlet to the FGD system). If opacity interference is experienced at all locations (both at the inlet and outlet of the SO₂ control system), alternate parameters indicative of the PM control system's performance and/or good combustion are monitored (subject to the approval). (i) the owner/operator shall use methods and procedures in this paragraph to conduct monitoring system performance evaluations under §60.13(c) and calibration checks under §60.13(d). 	
	Emission Unit ID: 01	
	Control Device ID: CD-BAG1	
	40 CFR §60.50Da Compliance Determination Procedures And Methods (PM)	
C.19	 (§60.50Da(a)) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the methods in appendix A of this part or the methods and procedures as specified in this section. (§60.50Da(b)) In conducting the performance tests to determine compliance with the PM emissions limits in §60.42Da, the owner or operator shall meet the requirements specified in paragraphs (b)(1) through (3) of this section. 	
	Emission Unit ID: 01	
	Equipment ID: UB1 Control Device ID: CD-BAG1	
C.20	40 CFR §60.51Da Reporting Requirements (PM)	
	 (a) For PM emissions, the performance test data from the initial and subsequent performance test and from the performance evaluation of the continuous monitors (including the transmissometer) must be reported to the Administrator. (f) For any periods for which opacity emissions data are not available, the owner or operator 	

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions	
	 of the affected facility shall submit a signed statement indicating if any changes were made in operation of the emission control system during the period of data unavailability. Operations of the control system and affected facility during periods of data unavailability are to be compared with operation of the control system and affected facility before and following the period of data unavailability. (h) The owner or operator of the affected facility shall submit a signed statement indicating whether: (h)(1) The required CEMS calibration, span, and drift checks or other periodic audits have or have not been performed as specified. (h)(2) The data used to show compliance was or was not obtained in accordance with approved methods and procedures of this part and is representative of plant performance. (h)(3) The minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable. (h)(4) Compliance with the standards has or has not been achieved during the reporting period. (i) For the purposes of the reports required under §60.7, periods of excess emissions are defined as all 6-minute periods during which the average opacity exceeds the applicable opacity standards under \$60.42Da(b). Opacity levels in excess of the applicable opacity standard and the date of such excesses are to be submitted each calendar quarter. (j) The owner/operator of an affected facility shall submit the written reports required under this section and subpart A semiannually for each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period. All semiannual reports on opacity in lieu of submitting the written reports required under paragraphs (b) and (i) of this section. The format of each quarterly electronic report shall be c	
	Emission Unit ID: 01	
	Equipment ID: UB1	
	(40 CED SCO 42De Stee devide Fee Sulfue Disuide (CO.))	
C.21	(40 CFR 960.43Da Standards For Sulfur Dioxide (SO ₂))	
	 (a)) No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility which combusts solid fuel or solid- derived fuel and for which construction, reconstruction, or modification commenced before or on February 28, 2005, any gases that contain SO₂ in excess of: 	

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions	
	 (a)(1) 520 ng/J (1.20 lb/MMBtu) heat input and 10 percent of the potential combustion concentration (90 percent reduction); or (a)(2) 30 percent of the potential combustion concentration (70 percent reduction), when emissions are less than 260 ng/J (0.60 lb/MMBtu) heat input; 	
	 (b) On and after the date on which the initial performance test is completed or required to be completed under §60.8, whichever date comes first, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility which combusts liquid or gaseous fuels (except for liquid or gaseous fuels derived from solid fuels, any gases that contain SO₂ in excess of: 	
	 (b)(1) 0.80 lb/Million BTU heat input and 10 percent of the potential combustion concentration (90 percent reduction); or (b)(2) 100 percent of the potential combustion concentration (zero percent reduction), when emissions are less than 0.20 lb/Million BTU heat input. 	
	 (g) Compliance with the emission limitation and percent reduction requirements under this section are both determined on a 30-day rolling average basis. 	
	 (h) When different fuels are combusted simultaneously, the applicable standard is determined by proration using the following formula: (h)(1) If emissions of SO₂ to the atmosphere are greater than 260 ng/J (0.60 lb/MMBtu) heat input E₁ = (340x + 520y)/100 and %P₂ = 10 	
	 (h)(2) If emissions of SO₂ to the atmosphere are equal to or less than 260 ng/J (0.60 lb/MMBtu) heat input: 	
	$E_s = \frac{(340x + 520y)}{100}$ and $%P_s = \frac{(10x + 30y)}{100}$	
	Where: Es = Prorated SO2 emission limit (ng/J heat input); %Ps = Percentage of potential SO2 emission allowed; x = Percentage of total heat input derived from the combustion of liquid or gaseous fuels (excluding solid-derived fuels); and y = Percentage of total heat input derived from the combustion of solid fuel (including solid-derived fuels).	
C.22	Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-FGD1	

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	40 CFR §60.48Da Compliance Provisions (SO ₂)
	 (a) For affected facilities for which construction, modification, or reconstruction commenced before May 4, 2011, the applicable SO₂ emissions limit under §60.43Da applies at all times except during periods of startup, shutdown, or malfunction. (b) Compliance with the applicable SO₂ emissions limit and percentage reduction requirements under §60.43Da is based on the average emission rate for 30 successive boiler operating days. A separate performance test is completed at the end of each boiler operating day after the initial performance test, and a new 30-boiler operating day rolling average emission rate for SO₂, and a new percent reduction for SO₂ are calculated to demonstrate compliance with applicable 30-boiler operating day rolling average SO₂ emissions limit is determined by calculating the arithmetic average of all hourly emission rates for SO₂ and for the 30 successive boiler operating days, except for data obtained during startup, shutdown, or malfunction. (e) Compliance with applicable SO₂ percentage reduction requirements is determined based on the average inlet and outlet SO₂ percentage reduction requirements obtained based on the average inlet and outlet SO₂ amission rates for the 30 successive boiler operating days. (h) If an owner or operator has not obtained the minimum quantity of emission data as required under §60.43Da and 60.44Da of this subpart for the day on which the 30-day period ends may be determined by the Administrator by following the applicable procedures in section 7 of Method 19 of appendix A of this nart.
C.23	Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-FGD1
	40 CFR §60.49Da Emission Monitoring (SO ₂)
	 (b) The owner or operator of an affected facility must install, calibrate, maintain, and operate a CEMS, and record the output of the system, for measuring SO₂ emissions, except where only gaseous and/or liquid fuels (excluding residual oil) where the potential SO₂ emissions rate of each fuel is 26 ng/J (0.060 lb/MMBtu) or less are combusted, as follows: (b)(1) Sulfur dioxide emissions are monitored at both the inlet and outlet of the SO₂ control device. (b)(2) For a facility that qualifies under the numerical limit provisions of §60.43Da, SO₂ emissions are only monitored as discharged to the atmosphere. (b)(3) An "as fired" fuel monitoring system (upstream of coal pulverizers) meeting the
	requirements of Method 19 of appendix A of this part may be used to determine potential SO ₂ emissions in place of a continuous SO ₂ emission monitor at the inlet to the SO ₂ control device as required under paragraph (b)(1) of this section.

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	 (b)(4) If the owner or operator has installed and certified a SO₂ CEMS according to the requirements of §75.20(c)(1) of this chapter and appendix A to part 75 of this chapter, and is continuing to meet the ongoing quality assurance requirements of §75.21 of this chapter and appendix B to part 75 of this chapter, that CEMS may be used to meet the requirements of this section, provided that: > (b)(4)(i) A CO₂ or O₂ continuous monitoring system is installed, calibrated, maintained and operated at the same location, according to paragraph (d) of this section; and
	 (b)(4)(ii) For sources subject to an SO₂ emission limit in lb/MMBtu under §60.43Da: (b)(4)(ii)(A) When relative accuracy testing is conducted, SO₂ concentration data and CO₂ (or O₂) data are collected simultaneously; and
	 (b)(4)(ii)(B) In addition to meeting the applicable SO₂ and CO₂ (or O₂) relative accuracy specifications in Figure 2 of appendix B to part 75 of this chapter, the relative accuracy (RA) standard in section 13.2 of Performance Specification 2 in appendix B to this part is met when the RA is calculated on a lb/MMBtu basis; and (b)(4)(iii) The reporting requirements of §60.51Da are met. The SO₂ and, if required, CO₂ (or O₂) data reported to meet the requirements of §60.51Da
	 shall not include substitute data values derived from the missing data procedures in subpart D of part 75 of this chapter, nor shall the SO₂ data have been bias adjusted according to the procedures of part 75 of this chapter. (e) The CEMS under paragraph (b) of this section are operated and data recorded during all periods of operation of the affected facility including periods of startup, shutdown, and malfunction, except for CEMS breakdowns, repairs, calibration checks, and zero and span
	 (f)(1) The owner or operator shall obtain emission data for at least 18 hours in at least 22 out of 30 successive boiler operating days. If this minimum data requirement cannot be met with CEMS, the owner or operator shall supplement emission data with other monitoring systems approved by the Administrator or the reference methods and procedures as described in paragraph (h) of this section.
	 (g) The 1-hour averages required under paragraph \$60.13(h) are expressed in ng/J (lb/MMBtu) heat input and used to calculate the average emission rates under \$60.48Da. The 1-hour averages are calculated using the data points required under \$60.13(h)(2). (h) When it becomes necessary to supplement CEMS data to meet the minimum data requirements in paragraph (f) of this section, the owner or operator shall use the reference methods and procedures as specified in this paragraph. Acceptable alternative methods and procedures are given in paragraph (j) of this section. (h)(1) Method 6 of appendix A of this part shall be used to determine the SO₂

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	concentration at the same location as the SO ₂ monitor. Samples shall be taken at 60- minute intervals. The sampling time and sample volume for each sample shall be at least 20 minutes and 0.020 dscm (0.71 dscf). Each sample represents a 1-hour average.
	 (h)(3) The emission rate correction factor, integrated bag sampling and analysis procedure of Method 3B of appendix A of this part shall be used to determine the O₂ or CO₂ concentration at the same location as the O₂ or CO₂ monitor. Samples shall be taken for at least 30 minutes in each hour. Each sample represents a 1-hour average. (h)(4) The procedures in Method 19 of appendix A of this part shall be used to compute each 1-hour average concentration in ng/J (lb/MMBtu) heat input. (j) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:
	 (j)(1) For Method 6 of appendix A of this part, Method 6A or 6B (whenever Methods 6 and 3 or 3B of appendix A of this part data are used) or 6C of appendix A of this part may be used. Each Method 6B of appendix A of this part sample obtained over 24 hours represents 24 1-hour averages. If Method 6A or 6B of appendix A of this part is used under paragraph (i) of this section, the conditions under § 60.48Da(d)(1) apply; these conditions do not apply under paragraph (h) of this section. (j)(3) For Method 3 of appendix A of this part, Method 3A or 3B of appendix A of this part may be used if the sampling time is 1 hour. (j)(4) For Method 3B of appendix A of this part, Method 3A of appendix A of this part
	 may be used. (s) The owner or operator shall prepare and submit for approval a unit-specific monitoring plan for each monitoring system, at least 45 days before commencing certification testing of the monitoring systems. The owner or operator shall comply with the requirements in your plan. The plan must address the requirements in paragraphs (s)(1) through (6) of this section. (s)(1) Installation of the CEMS sampling probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of the exhaust emissions (e.g., on or downstream of the last control device):
	 (s)(2) Performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction systems; (s)(3) Performance evaluation procedures and acceptance criteria (e.g., calibrations, relative accuracy test audits (RATA), etc.); (s)(4) Ongoing operation and maintenance procedures in accordance with the general requirements of \$60.13(d) or part 75 of this chapter (as applicable); (s)(5) Ongoing data quality assurance procedures in accordance with the general requirements of \$60.13 or part 75 of this chapter (as applicable); and (s)(6) Ongoing recordkeeping and reporting procedures in accordance with the

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	requirements of this subpart.
	 (w) The owner or operator using a SO₂ CEMS to meet the requirements of this subpart shall install, certify, operate, and maintain the CEMS as specified in paragraphs (w)(1) through (w)(5) of this section.
	 (w)(1) Except as provided for under paragraphs (w)(2), (w)(3), and (w)(4) of this section, each SO₂ CEMS required under paragraphs (b) through (d) of this section shall be installed, certified, and operated in accordance with the applicable procedures in Performance Specification 2 or 3 in appendix B to this part or according to the procedures in appendices A and B to part 75 of this chapter. Daily calibration drift assessments and quarterly accuracy determinations shall be done in accordance with Procedure 1 in appendix F to this part, and a data assessment report (DAR), prepared according to section 7 of Procedure 1 in appendix F to this part, shall be submitted with each compliance report required under §60.51Da.
	 (w)(2) As an alternative to meeting the requirements of paragraph (w)(1) of this section, an owner or operator may elect to implement the following alternative data accuracy assessment procedures. For all required CO₂ and O₂ CEMS and for SO₂ CEMS with span values greater than or equal to 100 ppm, the daily calibration error test and calibration adjustment procedures described in sections 2.1.1 and 2.1.3 of appendix B to part 75 of this chapter may be followed instead of the CD assessment procedures in Procedure 1, section 4.1 of appendix F of this part. If this option is selected, the data validation and out-of-control provisions in sections 2.1.4 and 2.1.5 of appendix B to part 75 of this chapter shall be followed instead of the excessive CD and out-of-control criteria in Procedure 1, section 4.3 of appendix F to this part. For the purposes of data validation under this subpart, the excessive CD and out-of-control criteria in Procedure 1, section 4.3 of appendix F to this part shall apply to SO₂ span values less than 100 ppm.
	 (w)(3) As an alternative to meeting the requirements of paragraph (w)(1) of this section, an owner or operator may elect to may elect to implement the following alternative data accuracy assessment procedures. For all required CO₂ and O₂ CEMS and for SO₂ CEMS with span values greater than 30 ppm, quarterly linearity checks may be performed in accordance with section 2.2.1 of appendix B to part 75 of this chapter, instead of performing the cylinder gas audits (CGAs) described in Procedure 1, section 5.1.2 of appendix F to this part. If this option is selected: The frequency of the linearity checks shall be as specified in section 2.2.1 of appendix B to part 75 of this chapter; the applicable linearity specifications in section 3.2 of appendix A to part 75 of this chapter shall be met; the data validation and out-of-control criteria in section 2.2.3 of appendix B to part 75 of this chapter shall be followed instead of the excessive audit inaccuracy and out-of-control criteria in Procedure 1, section 5.2 of appendix B to part 75 of this chapter shall be followed instead of the excessive audit inaccuracy and out-of-control criteria in Procedure 1, section 5.2 of appendix F to this part; and the grace period provisions in section 2.2.4 of appendix B to part 75 of this chapter shall apply. For the purposes of data validation under this

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	 subpart, the cylinder gas audits described in Procedure 1, section 5.1.2 of appendix F to this part shall be performed for SO₂ span values less than or equal to 30 ppm. (w)(4) As an alternative to meeting the requirements of paragraph (w)(1) of this section, an owner or operator may elect to may elect to implement the following alternative data accuracy assessment procedures. For SO₂, CO₂, and O₂ CEMS, RATAS may be performed in accordance with section 2.3 of appendix B to part 75 of this chapter instead of following the procedures described in Procedure 1, section 5.1.1 of appendix F to this part. If this option is selected: The frequency of each RATA shall be as specified in section 2.3.1 of appendix B to part 75 of this chapter; the applicable relative accuracy specifications shown in Figure 2 in appendix B to part 75 of this chapter shall be met; the data validation and out-of-control criteria in section 2.3.2 of appendix B to part 75 of this chapter shall be met; the data validation and out-of-control section 2.3.2 of appendix B to part 75 of this chapter shall be grace period provisions in section 2.3.3 of appendix B to part 75 of this chapter shall be to grace period provisions in section 2.3.3 of appendix B to part 75 of this chapter shall apply. For the purposes of data validation under this subpart, the relative accuracy specification in section 13.2 of Performance Specification 2 in appendix B to this part shall be met on a lb/MMBtu basis for SO₂ (regardless of the SO₂ emission level during the RATA). (w)(5) If the owner or operator elects to implement the alternative data assessment procedures described in paragraphs (w)(2) through (w)(4) of this section, each data assessment report shall include a summary of the results of all of the RATAs, linearity checks, CGAs, and calibration error or drift assessments required by paragraphs (w)(2) through (w)(4) of this section, each data
C.24	 Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-FGD1 40 CFR §60.50Da Compliance Determination Procedures And Methods (SO₂) (c) The owner or operator shall determine compliance with the SO₂ standards in §60.43Da as follows: (c)(5) the CEMS in §60.49Da(b) and (d) shall be used to determine the concentrations of SO₂. (e) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section: (e)(1) For Method 5 or 5B of appendix A-3 of this part, Method 17 of appendix A-6 of this part may be used at facilities with or without wet FGD systems if the stack temperature at the sampling location does not exceed an average temperature of 160 °C (320 °F). The procedures of sections 8.1 and 11.1 of Method 5B of appendix A-3 of this part may be used in Method 17 of appendix A-6 of this part may be used in Method 17 of appendix A-6 of this part only if it is used

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	after wet FGD systems. Method 17 of appendix A-6 of this part shall not be used after wet FGD systems if the effluent is saturated or laden with water droplets.
C.25	Conditions after wet FGD systems. Method 17 of appendix A-6 of this part shall not be used after wet FGD systems if the effluent is saturated or laden with water droplets. Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-FGD1 40 CFR \$60.51Da Reporting Requirements • (a) For SO2 emissions, the performance test data from the initial and subsequent performance test and from the performance evaluation of the continuous monitors (including the transmissometer) must be reported. • (b) For SO2 the following information is reported for each 24-hour period: • (b)(1) Calendar date; • (b)(2) The average SO2 emission rates (ng/), lb/MMBtu, or lb/MWh) for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the emission standards; and, description of corrective actions taken; • (b)(3) For owners or operators of affected facilities complying with the last 30-day period in the quarter; reasons for non-compliance with the standard; and, description of corrective actions taken; • (b)(4) Identification of the boiler operating days for which pollutant or diluent data have not been obtained by an approved method for at least 75 percent of the hours of operation of corrective actions taken; • (b)(5) Identification of the times when emissions data have been excluded from the calculation of average emission rates because of startup, shutdown, or malfunction; • (b)(6) Identification of "F" factor use
	 of the CEMS; (b)(9) Description of any modifications to CEMS which could affect the ability of the CEMS to comply with Performance Specifications 2 or 3. (c) If the minimum quantity of emission data as required by §60.49Da is not obtained for any 30 successive boiler operating days, the information listed in (c)(1) through (c)(5) is obtained under the requirements of §60.48Da(h) and is reported for that 30-day period. (c)(1) The number of hourly averages available for outlet emission rates (no) and inlet

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	 emission rates (ni) as applicable. (c)(2) The standard deviation of hourly averages for outlet emission rates (so) and inlet emission rates (si) as applicable. (c)(3) The lower confidence limit for the mean outlet emission rate (Eo*) and the upper confidence limit for the mean inlet emission rate (Ei*) as applicable. (c)(4) The applicable potential combustion concentration. (c)(5) The ratio of the upper confidence limit for the mean outlet emission rate (Eo*) and the allowable emission rate (Estd) as applicable. (f) For any periods for which SO₂ emissions data is not available, the owner/operator of the affected facility shall submit a signed statement indicating if any changes were made in operation of the emission control during the period of data unavailability. (h) The owner/operator of the affected facility shall submit a signed statement indicating whether:
	 (h)(1) The required CEMS calibration, span, and drift checks or other periodic audits have or have not been performed as specified. (h)(2) The data used to show compliance was or was not obtained in accordance with approved methods and procedures of this part and is representative of plant performance. (h)(3) The minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable. (h)(4) Compliance with the standards has or has not been achieved during the reporting period. (j) The owner/operator of an affected facility shall submit the written reports required under this section and subpart A semiannually for each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period. (k) The owner /operator of an affected facility may submit electronic quarterly reports for SO₂ in lieu of submitting the written reports required under paragraphs (b) and (i) of this section. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner/operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period.
	Emission Unit ID: 01
	Control Device ID: CD-LNB1, CD-OFA1, CD-SCR1
C.26	40 CFR §60.44Da Standards For Nitrogen Oxides (NO _x)
	 (a) No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility for which construction, reconstruction, or

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	 modification commenced before July 10, 1997 any gases that contain NO_x (expressed as NO₂) in excess of the applicable emissions limit in paragraphs (a)(1) and (2) of this section. (a)(1) The owner or operator shall not cause to be discharged into the atmosphere any gases that contain NO_x in excess of the emissions limit listed in the following table as applicable to the fuel type combusted and as determined on a 30-boiler operating day rolling average basis.
	Emission limit for heat input
	Ib/MMBtu
	Gaseous fuels: All other fuels
	All other fuels
	Bituminous coal
	 (a)(2) When two or more fuels are combusted simultaneously in an affected facility, the applicable emissions limit (En) is determined by proration using the following formula:
	$\mathbf{En} = \frac{(86\mathbf{w} + 130\mathbf{x} + 210\mathbf{y} + 260\mathbf{z} + 340\mathbf{v})}{100}$
	Where: $E_{D} = Applicable NO_{x}$ emissions limit when multiple fuels are combusted.
	simultaneously (ng/J heat input); w = Percentage of total heat input derived from the combustion of fuels subject to
	the 86 ng/J heat input standard; x = Percentage of total heat input derived from the combustion of fuels subject to the 130 ng/J heat input standard;
	y = Percentage of total heat input derived from the combustion of fuels subject to the 210 ng/J heat input standard;
	z = Percentage of total heat input derived from the combustion of fuels subject to the 260 ng/J heat input standard; and
C.27	Emission Unit ID: 01

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions
	Equipment ID: UB1 Control Device ID: CD-LNB1, CD-OFA1, CD-SCR1
	40 CFR §60.48Da Compliance Provisions (NO _x)
	 (a) For affected facilities for which construction, modification, or reconstruction commenced before May 4, 2011, the applicable NO_x emissions limit under §60.44Da applies at all times except during periods of startup, shutdown, or malfunction. (b) Compliance with the applicable NO_x emissions limit under §60.44Da is based on the average emission rate for 30 successive boiler operating days. (d) For affected facilities for which construction, modification, or reconstruction commenced before May 4, 2011, compliance with applicable 30-boiler operating day rolling average NO_x emissions limits is determined by calculating the arithmetic average of all hourly emission rates for NO_x for the 30 successive boiler operating days, except for data obtained during startup, shutdown, or malfunction. (h) If an owner or operator has not obtained the minimum quantity of emission data as required under §60.49Da of this subpart, compliance of the affected facility with the emission requirements under §60.43Da and 60.44Da of this subpart for the day on which the 30-day period ends may be determined by the Administrator by following the applicable procedures in section 7 of Method 19 of appendix A of this part.
	Emission Unit ID: 01
	Equipment ID: UB1 Control Device ID: CD-LNB1, CD-OFA1, CD-SCR1 40 CFR §60.49Da Emission Monitoring (NO _x)
C.28	 (c)(2) If the owner or operator has installed a NO_x emission rate CEMS to meet the requirements of part 75 of this chapter and is continuing to meet the ongoing requirements of part 75 of this chapter, that CEMS may be used to meet the requirements of this section, except that the owner or operator shall also meet the requirements of \$60.51Da. Data reported to meet the requirements of \$60.51Da shall not include data substituted using the missing data procedures in subpart D of part 75 of this chapter. (e) The CEMS under paragraphs (c) of this section are operated and data recorded during all periods of operation of the affected facility including periods of startup, shutdown, and malfunction, except for CEMS breakdowns, repairs, calibration checks, and zero and span adjustments. (f)(1) For units that began construction, reconstruction, or modification on or before February 28, 2005, the owner or operator shall obtain emission data for at least 18 hours in at least 22 out of 30 successive boiler operating days. If this minimum data requirement cannot be met

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Condition Number	Conditions
	 systems approved by the Administrator or the reference methods and procedures as described in paragraph (h) of this section. (h) When it becomes necessary to supplement CEMS data to meet the minimum data requirements in paragraph (f) of this section, the owner or operator shall use the reference methods and procedures as specified in this paragraph. Acceptable alternative methods and procedures are given in paragraph (j) of this section. (h)(2) Method 7 of appendix A of this part shall be used to determine the NO_x concentration at the same location as the NO_x monitor. Samples shall be taken at 30-minute intervals. The arithmetic average of two consecutive samples represents a 1-hour average. (h)(3) The emission rate correction factor, integrated bag sampling and analysis procedure of Method 3B of appendix A of this part shall be used to determine the O₂ or CO₂ concentration at the same location as the O₂ or CO₂ monitor. Samples shall be taken for at least 30 minutes in each hour. Each sample represents a 1-hour average. (h)(4) The procedures in Method 19 of appendix A of this part shall be used to compute each 1-hour average concentration in ng/j (lb/MMBtu) heat input. (i) The owner or operator shall use methods and procedures in this paragraph to conduct monitoring system performance evaluations under §60.13(c) and calibration checks under §60.13(d). Acceptable alternative methods and procedures are given in paragraph (j) of this section. (i)(1) Methods 3B and 7 of appendix A of this part shall be used to determine O₂ and NO_x concentrations, respectively. (i)(2) NO_x(NO), as applicable, shall be used for preparing the calibration gas mixtures (in N2, as applicable) under Performance Specification 2 of appendix B of this part. (i)(3) For affected facilities burning only fossil fuel, the span value for a COMS is between 60 and 80 percent. Span values for a CEMS measuring NO_x shall be
	 determined using one of the following procedures: (i)(3)(i) Except as provided under paragraph (i)(3)(ii) of this section, NOX span values shall be determined as follows:
	Fossil fuel Span values for NOX (ppm) +
	Gas 500. Liquid 500. Solid 1,000. Combination 500 (x + y) + 1,000z.
	+

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Condition Number	Conditions
	y = Fraction of total heat input derived from liquid fossil fuel, and z = Fraction of total heat input derived from solid fossil fuel.
	 (i)(3)(ii) As an alternative to meeting the requirements of paragraph (i)(3)(i) of this section, the owner or operator of an affected facility may elect to use the NO_x span values determined according to section 2.1.2 in appendix A to part 75 of this chapter. (i)(4) All span values computed under paragraph (i)(3)(i) of this section for burning combinations of fossil fuels are rounded to the nearest 500 ppm. Span values
	computed under paragraph (i)(3)(ii) of this section shall be rounded off according to section 2.1.2 in appendix A to part 75 of this chapter.
	 (j) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:
	 (j)(2) For Method 7 of appendix A of this part, Method 7A, 7C, 7D, or 7E of appendix A of this part may be used. If Method 7C, 7D, or 7E of appendix A of this part is used, the sampling time for each run shall be 1 hour.
	 (j)(3) For Method 3 of appendix A of this part, Method 3A or 3B of appendix A of this part may be used if the sampling time is 1 hour. (i)(4) For Method 3B of appendix A of this part. Method 3A of appendix A of this part.
	may be used.
	• (III) Data from a continuous now monitoring system certified according to the requirements of §75.20(c) of this chapter and appendix A to part 75 of this chapter, and continuing to meet the applicable quality control and quality assurance requirements of §75.21 of this chapter and appendix B to part 75 of this chapter, may be used. Flow rate data reported to meet the requirements of §60.51Da shall not include substitute data values derived from the missing data procedures in subpart D of part 75 of this chapter, nor shall the data have been bias adjusted according to the procedures of part 75 of this chapter.
	 (s) The owner or operator shall prepare and submit to the Administrator for approval a unit-specific monitoring plan for each monitoring system, at least 45 days before commencing certification testing of the monitoring systems. The owner or operator shall comply with the requirements in your plan. The plan must address the requirements in paragraphs (s)(1) through (6) of this section.
	 (s)(1) Installation of the CEMS sampling probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of the exhaust emissions (e.g., on or downstream of the last control device);
	 (s)(2) Performance and equipment specifications for the sample interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction systems; (s)(3) Performance evaluation procedures and acceptance criteria (e.g., calibrations,

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Condition Number	Conditions
Condition Number	 Conditions relative accuracy test audits (RATA), etc.); (s)(4) Ongoing operation and maintenance procedures in accordance with the general requirements of \$60.13(d) or part 75 of this chapter (as applicable); (s)(5) Ongoing data quality assurance procedures in accordance with the general requirements of \$60.13 or part 75 of this chapter (as applicable); and (s)(6) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of this subpart. (w) The owner or operator using a NOx and O₂ CEMS to meet the requirements of this subpart shall install, certify, operate, and maintain the CEMS as specified in paragraphs (w)(1) through (w)(5) of this section. (w)(1) Except as provided for under paragraphs (w)(2), (w)(3), and (w)(4) of this section, each NO_X and O₂ CEMS required under paragraphs (b) through (d) of this section shall be installed, certified, and operated in accordance with the applicable procedures in appendices A and B to part 75 of this chapter. Daily calibration drift assessments and quarterly accuracy determinations shall be done in accordance with Procedure 1 in appendix F to this part, shall be submitted with each compliance report required under \$60.51Da. (w)(2) As an alternative to meeting the requirements of paragraph (w)(1) of this section, an owner or operator may elect to implement the following alternative data accuracy assessment procedures. For all required CO₂ and O₂ CEMS and for NO_X CEMS with span values greater than or equal to 100 ppm, the daily calibration error test and calibration adjustment procedure shall be followed instead of the CD assessment procedures in Procedure 1, section 4.3 of appendix F to this part. 11 da 21.3 of appendix B to part 75 of this chapter shall be followed instead of the cX cossive CD and out-of-control criteria in Procedure 1, section 4.3 of appendix F
	1, section 5.1.2 of appendix F to this part. If this option is selected: The frequency of the linearity checks shall be as specified in section 2.2.1 of appendix B to part 75 of

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Condition Number	Conditions						
	 To of this chapter shall be met; the data validation and out-of-control criteria in section 2.2.3 of appendix B to part 75 of this chapter shall be followed instead of the excessive audit inaccuracy and out-of-control criteria in Procedure 1, section 5.2.0 o appendix F to this part; and the grace period provisions in section 2.2.4 of appendix B to part 75 of this chapter shall apply. For the purposes of data validation under thi subpart, the cylinder gas audits described in Procedure 1, section 5.1.2 of appendix to this part shall be performed for NOx span values less than or equal to 30 ppm; (w)(4) As an alternative to meeting the requirements of paragraph (w)(1) of thi section, an owner or operator may elect to may elect to implement the following alternative data accuracy assessment procedures. For CO₂, and O₂ CEMS and for NO CEMS, RATAs may be performed in accordance with section 2.3 of appendix B to par 75 of this chapter instead of following the procedures described in Procedure 1 section 5.1.1 of appendix F to this part. If this option is selected: The frequency of each RATA shall be as specified in section 2.3.1 of appendix B to part 75 of this chapter shall be met; the data validation and out-of-control criteria in section 2.3.2 of appendix B to part 75 of this chapter shall be met; the data validation and out-of-control criteria in section 2.3.2 of appendix B to part 75 of this chapter shall apply. For the purposes of data validation under thi subpart, the relative accuracy specification in section 13.2 of Performanc Specification 2 and papendix B to this part 3.5 of the chapter shall apply. For the purposes of data validation under this chapter; the applicable relative accuracy specification in section 13.2 of Performanc Specification 1 in appendix B to this part; and the grace period provisions in section 2.3.3 of appendit B to part 75 of this chapter shall apply. For the purposes of data validation under thi subpart, the relative accuracy specification in section 13.2 of Perfo						
	Emission Unit ID: 01 Equipment ID: UB1						
	Control Device ID: CD-LNB1, CD-OFA1, CD-SCR1						
C.29	40 CFR §60.50Da Compliance Determination Procedures And Methods (NO _x)						
	 (a) In conducting the performance tests required in §60.8, the owner or operator shall use as reference methods and procedures the methods in appendix A of this part or the methods and procedures as specified in this section, except as provided in §60.8(b). Section 60.8(f) does not apply to this section for NO_x. Acceptable alternative methods are given in paragraph 						

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Condition Number	Conditions					
	 (e) of this section. (d) The owner or operator shall determine compliance with the NO_x standard in §60.44Da as follows: (d)(1) The appropriate procedures in Method 19 of appendix A of this part shall be used to determine the emission rate of NO_x. (d)(2) The continuous monitoring system in §60.49Da(c) and (d) shall be used to determine the sensentrations of NO_x and CO_x or O_x. 					
	Emission Unit ID: 01 Equipment ID: UB1 Control Device ID: CD-LNB1, CD-OFA1, CD-SCR1 40 CFR §60.51Da Reporting Requirements (NO _x)					
6.20	 (a) For NO_X emissions, the performance test data from the initial and subsequent performance test and from the performance evaluation of the continuous monitors (including the transmissometer) must be reported to the Administrator. (b) For NO_X the following information is reported to the Administrator for each 24-hour period. (b)(1) Calendar date. (b)(2) The average NO_X emission rates (ng/J, lb/MMBtu, or lb/MWh) for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the emission standards; and, description of corrective actions taken. 					
C.30	 (b)(4) Identification of the boller operating days for which pollutant or diluent data have not been obtained by an approved method for at least 75 percent of the hours of operation of the facility; justification for not obtaining sufficient data; and description of corrective actions taken. (b)(5) Identification of the times when emissions data have been excluded from the calculation of average emission rates because of startup, shutdown, or malfunction. (b)(6) Identification of "F" factor used for calculations, method of determination, and type of fuel combusted. (b)(7) Identification of times when hourly averages have been obtained based on manual sampling methods. (b)(8) Identification of the times when the pollutant concentration exceeded full span of the CEMS 					
	 (b)(9) Description of any modifications to CEMS which could affect the ability of the CEMS to comply with Performance Specifications 2 or 3. (c) If the minimum quantity of emission data as required by §60.49Da is not obtained for any 30 successive boiler operating days, the following information obtained under the requirements of §60.48Da(h) is reported to the Administrator for that 30-day period: 					

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Condition Number	Conditions					
	 (c)(1) The number of hourly averages available for outlet emission rates (no) and inlet emission rates (ni) as applicable. (c)(2) The standard deviation of hourly averages for outlet emission rates (so) and inlet emission rates (si) as applicable. 					
	 (c)(3) The lower confidence limit for the mean outlet emission rate (Eo*) and the upper confidence limit for the mean inlet emission rate (Ei*) as applicable. (c)(4) The applicable potential combustion concentration. 					
	 (c)(5) The ratio of the upper confidence limit for the mean outlet emission rate (Eo*) and the allowable emission rate (Estd) as applicable. 					
	 (f) For any periods for which NO_x emissions data are not available, the owner or operator of the affected facility shall submit a signed statement indicating if any changes were made in operation of the emission control system during the period of data unavailability. Operations of the control system and affected facility during periods of data unavailability are to be compared with operation of the control system and affected facility before and following the period of data unavailability. 					
	 (h) The owner or operator of the affected facility shall submit a signed statement indicating whether: 					
	• (h)(1) The required CEMS calibration, span, and drift checks or other periodic audits have or have not been performed as specified.					
	 (h)(2) The data used to show compliance was or was not obtained in accordance with approved methods and procedures of this part and is representative of plant performance. 					
	 (h)(3) The minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable. (h)(4) Compliance with the standards has or has not been achieved during the reporting period. 					
	 (j) The owner or operator of an affected facility shall submit the written reports required under this section and subpart A to the Administrator semiannually for each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period. 					
	 (k) The owner or operator of an affected facility may submit electronic quarterly reports for NO_x in lieu of submitting the written reports required under paragraphs (b) and (i) of this section. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period. 					
C 21	Emission Unit ID: 01					
0.51	Equipment ID: UB1					

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

Condition Number	Conditions								
	Control Device ID	CD-BAG1	subject to 40 CF	R 64 Compliance	e Assurance Moni	toring (CAM) and			
	shall comply with all applicable provisions.								
	Pollutant - Limit	Applicable Standard	Excursion Level §64.6(c)(2)	Indicator/ Condition §64.6(c)(1)(i)	Measurement Approach §64.6(c)(1)(ii)	Averaging Period §64.6(c)(1)(iii)			
	PM ₁₀ ≤0.018 Ib/MMBtu 30-Day Rolling Average	SC Reg. 61- 62.5, Standard No. 7	≥20%	Opacity	COMS	3-Hour Block Average			
	PM ₁₀ ≤72.0 lb/hr 30-Day Rolling Average	SC Reg. 61- 62.5, Standard No. 7	≥20%	Opacity	COMS	3-Hour Block Average			
	PM ≤0.02 Ib/MMBtu 30-Day Rolling Average	SC Reg. 61- 62.5, Standard No. 7	≥20%	Opacity	COMS	3-Hour Block Average			
	PM ≤80.0 lb/hr 30-Day Rolling Average	SC Reg. 61- 62.5, Standard No. 7	≥20%	Opacity	COMS	3-Hour Block Average			
	PM ≤0.29 Ib/MMBtu 3-Hour Block Average	SC Reg. 61- 62.5, Standard No. 1	≥20%	Opacity	COMS	3-Hour Block Average			

To meet the requirements of 40 CFR 64, the owner/operator shall continue to operate and maintain the indicator specified. The indicators shown above shall be used to provide assurance of compliance with each applicable requirement.

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
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Condition Number	Conditions			
	necessary corrective acti cause of an excursion (ot	ion to restore normal op her than those caused by	peration and prevent the vexcused startup and shu	e likely recurrence of the utdown conditions).
	 Monitoring/Record Keeping/Reporting/Other: A semiannual report for monitoring under 40 CFF 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: 1. Summary information of the number, duration and cause (including unknown cause, i applicable) of excursions or exceedances, as applicable, and the corrective actions taken; 2. Summary information on the number, duration and cause (including unknown cause, i applicable) for monitor downtime incidents (other than downtime associated with zero span o other daily calibration checks, if applicable): 			
	 If applicable, evidence of an effectivity assessment respecting response to excursion events. If applicable, all aspects of the CAM plan(s) that need revision, correction, or addition. 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. 			
	The owner or operator shall maintain records of monitoring data, monitor performance data, corrective actions and quality improvement plans.			
	Emission Unit ID: 01 Equipment ID:UB1 Control Device ID: CD-BAG1			
C.32	Limits/Standards: The source is subject to 40 CFR 64 Compliance Assurance Monitoring (CAM) based on SO ₂ emission levels and use of controls to comply with SC Regulation 61-62.5, Standard 1 and Standard 7 (PSD) limits and based on H_2SO_4 emission levels and use of controls to comply with PSD limits. The Department has determined that the use of SO ₂ CEMS be designated as continuous compliance for SO ₂ and H_2SO_4 permit limits and thereby exempts this source from CAM requirements. As such, the facility shall maintain the SO ₂ CEMS as required by 40 CFR 75. All limits to demonstrate continued compliance shall be based on the specified averaging times. Any reported exceedance of these limits is considered to be in non-compliance with the applicable standard. These limits are not subject to CAM during periods of startup and shutdown.			
	Unit ID	Pollutant	Limit (averaging time)	Regulation
	01	SO ₂	2.3 lb/MMBtu (24 hour block average)	SC Regulation 61-62.5, Standard 1

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Condition Number	Conditions				
	01	SO ₂	0.25 lb/MMBtu	SC Regulation 61-62.5,	
		302	(30 day rolling average)	Standard 7	
	01	SO ₂	1000.0 lb/hr	SC Regulation 61-62.5,	
		2	(30 day rolling average)	Standard 7	
	01	H ₂ SO ₄	0.011 lb/MMBtu	SC Regulation 61-62.5,	
			(3 hour block average)	Standard /	
	01	H_2SO_4	44.0 lb/hr	SC Regulation 61-62.5,	
			(3 hour block average)	Standard 7	
	Based on approval of SO ₂ CEMS use to demonstrate compliance for the limits above, the facility shall submit reports for the emission units for continued compliance demonstration as an alternative to and exemption from CAM plan for these for SO ₂ and H ₂ SO ₄ limits. Results of any exceedances shall be submitted quarterly to the Manager of the Technical Management Section, Bureau of Air Quality. If no exceedances occurred during the quarter, a report shall be submitted to indicate such.				
	Equipment ID: UB1				
C.33	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.				
	Equipment ID: UB1				
C.34	These sources are subject to SC Regulation 61-62.96 Nitrogen Oxides (NO _X) Budget Program and the federal rule requirements of the NO _X SIP Call at subparts A through I of 40 CFR 96 NO _X Budget Trading Program and shall comply with all applicable requirements. The owner/operator shall comply with the monitoring and reporting requirements as provided in 40 CFR Part 96.				
	Emission Unit ID: 01 Equipment ID: UB1				
	In accordance with 40 CFR 76.11, the Department has approved a NO_X emissions averaging plan for these units.				
C.35	Under the plan, the actual shall be less than or equal had they each been ope applicable emission limit units, the applicable emis demonstrates that the re met for a year under the	al BTU-weighted annual a al to the BTU-weighted ar erated, during the same cations under 40 CFR 76 ssion limitation shall be u equirement of the prior e plan, then these units s	average NO _X emission rate nual average NO _X emission period of time, in compl 5, 76.6, or 76.7, except th Inder 40 CFR 76.7. If the d sentence (as set forth in 4 shall be deemed to be in	e for the units in the plan on rate for the same units iance with the individual nat for any early election lesignated representative 40 CFR 76.11(d)(1)(ii)(A) is compliance for that year	

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Condition Number	Conditions		
	with its alternative contemporaneous annual emission limitation and annual heat input limit.		
	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 0.28 lb/Million BTU or have an annual heat input greater than 52,802,500 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.		
	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.		
	Emission Unit ID: 01		
	Equipment ID: UBT		
C.36	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.		
	Emission Unit ID: 02		
	Equipment ID: AB1		
	Limits/Standards: (S.C. Regulation 61-62.5, Standard No. 1, Section I) The fuel burning source(s) shall not discharge into the ambient air smoke which exceeds opacity of 20%. The opacity limit may be exceeded for sootblowing, but may not be exceeded for more than 6 minutes in a one hour period nor be exceeded for more than a total of 24 minutes in a 24 hour period. Emissions caused by sootblowing shall not exceed an opacity of 60%.		
C.37	Owners and operators 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. In addition, the owner or operator shall maintain a log of the time, magnitude, duration, and any other pertinent information to determine periods of startup and shutdown and make available to the Department upon request.		
	Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a semiannual basis during source operation. No periodic monitoring for opacity will be required during periods of burning natural gas only. Logs shall be kept to record all visual inspections, noting color, duration, density (heavy or light), cause, and corrective action taken for any abnormal emissions. If a source did not operate during the required visual inspection time frame, the log shall		

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Condition Number	Conditions			
	indicate such. 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 state so.			
	Emission U	nit ID: 02		
	Equipment	: ID: AB1		
C.38				
	(S.C. Regula	(S.C. Regulation 61-62.5, Standard No. 1, Section II) The maximum allowable discharge of particulate		
	matter resu	liting from this source is 0.6 pounds per million BTU input.		
	Emission U			
C 20	Equipment	IU: ABT		
C.39	(S.C. Pogula	ation 61-62.5. Standard No. 1. Section III) The maximum allowab	le discharge of sulfur	
	dioxide (SO	$_{2}$) resulting from this source is 2.3 pounds per million BTU input (2)	4 hour block average)	
	Emission U			
	Equipment	ID: AB1		
	This source is permitted to burn only the natural gas, No. 2 fuel oil, on-spec used oil and the following			
	waste materials as fuel:			
	■ on-s	 on-spec used oil 		
C 40	 spent activated carbon from the water treatment process 			
C.+0	 spent boiler cleaning fluid comprised of 1% solution of ammoniated salt of Ethylene Diamine 			
	Tetra-acetic Acid (EDTA)			
	The No. 2 ft	Jel oil sulfur content shall be less than or equal to 0.3 percent by v	veight. The use of any	
	other luers	shall not be allowed without prior written approval from this Bur	A fuel oil cortification	
		certification shall be obtained for each batch of oil received and stored on site. A fuel oil certification		
	Emission Unit ID: 02			
	Fauinment			
	Equipment			
	Limits/Star	ndards: (S.C. Regulation 61-62.5. Standard No. 7 - Prevention of Sig	nificant Deterioration)	
	The followir	ng BACT limits while firing No. 2 fuel oil have been established:	,,	
C.41	Pollutant	BACT Limit	Averaging Period	
	DM	Good Combustion Practices along with limits of 2.7 lb/hr and	3 hour block	
	FIVI	11.8 tpy	average	
	PM40	Good Combustion Practices along with limits of 2.7 lb/hr and	3 hour block	
	1 10170	11.8 tpy	average	
	SO ₂	Combustion of low sulfur fuels along with limits of 58.2 lb/hr	3 hour block	
		and 254.9 tpy	average	

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Condition Number	Conditions			
	NO _X	Good Combustion Practices along with limits of 32.4 lb/hr and 141.9 tpy	3 hour block average	
	СО	Good Combustion Practices along with limits of 6.8 lb/hr and 29.6 tpy	3 hour block average	
	VOC	Good Combustion Practices along with limits of <1.0 lb/hr and 1.2 tpy	3 hour block average	
	Monitoring oil, on-spec without prio	Monitoring/Record Keeping/Reporting/Other: The auxiliary boiler is permitted to burn no. 2 fuel oil, on-spec used oil, and natural gas as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Department.		
	Fuel oil sulfur content shall be less than or equal to 0.3 percent by weight. Fuel oil supplier certification shall be obtained for each batch of oil received and stored on site. Reports of the recorded sulfur content shall be submitted semiannually.			
	C.42 Emission Unit ID: 02 Equipment ID: AB1 This source is subject to New Source Performance Standards (NSPS), 40 CFR 60 Subpat Provisions and Subpart Db, Standards of Performance for Industrial-Commercial-Institu Generating Units, and S.C. Regulation 61-62.60 Subparts A and Db, Standards of Per Industrial-Commercial-Institutional Steam Generating Units, as applicable. This source with all applicable requirements of Subparts A and Db			
C.42				
	Emission Unit ID: 02 Equipment ID: AB1			
C.43	 40 CFR §60.42b Standard For Sulfur Dioxide (SO₂) (j) The owner or operator of an affected facility combusting very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by maintaining fuel records as described in §60.49b(r). 			
	 40 CFR §60.49b Reporting And Recordkeeping Requirements (SO₂) (r)(1) The owner or operator of an affected facility who elects to demonstrate that the affected facility combusts only very low sulfur oil, natural gas, or any of these fuels (or a mixture of these fuels) in combination with other fuels that are known to contain an insignificant amount of sulfur in §60.42b(j) shall obtain and maintain at the affected facility fuel receipts (such as a current, valid purchase contract, tariff sheet, or transportation contract) from the fuel supplier that certify that the oil meets the definition of distillate oil and gaseous fuel meets the definition of natural gas as defined in §60.41b and the applicable sulfur limit. For the purposes of this section, the distillate oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Reports shall be submitted to the Administrator 			

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Condition Number	Conditions		
	 certifying that only very low sulfur oil meeting this definition, natural gas, and/or other fuels that are known to contain insignificant amounts of sulfur were combusted in the affected facility during the reporting period. (w) The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period. 		
	Emission Unit ID: 02		
	Equipment ID: AB1		
C.44	 40 CFR §60.44b Standard For Nitrogen Oxides (NOx) (j) Compliance with the emission limits under this section is determined on a 24-hour average basis for the initial performance test and on a 3-hour average basis for subsequent performance tests for any affected facilities that: (j)(1) Combust, alone or in combination, only natural gas or distillate oil; (j)(2) Have a combined annual capacity factor of 10 percent or less for natural gas, distillate oil; and (j)(3) Are subject to a federally enforceable requirement limiting operation of the affected facility to the firing of natural gas and distillate oil, limiting operation of the affected facility to a combined annual capacity factor of 10 percent or less for natural gas and distillate oil. (k) Affected facilities that meet the criteria described in paragraphs (j)(1), (2), and (3) of this section, and that have a heat input capacity of 73 MW (250 MMBtu/hr) or less, are not subject 		
	to the NO _x emission limits under this section. Emission Unit ID: 02 Equipment ID: AB1		
C.45	(S.C. Regulation 61-62.1, Section II(E)) This facility established federally enforceable operating limitations to limit the boiler to a combined annual capacity factor of 10 percent or less for natural gas and distillate oil to avoid the NO ₂ limit in 40 CFR §60.44b(a).		
	Emission Unit ID: 02		
	Equipment ID: AB1 40 CFR §60.49b Reporting And Recordkeeping Requirements (NO _x)		
C.46	 (d) The owner or operator of an affected facility shall record and maintain records as specified in paragraph (d)(1) of this section. (d)(1) The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for distillate oil and natural gas, for the reporting period. The annual capacity factor is determined on a 12-month rolling average basis with a 		

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Condition Number	Conditions		
	 new annual capacity factor calculated at the end of each calendar month. (o) All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record. (p) The owner or operator of an affected facility described in §60.44b(j) shall maintain records of the following information for each steam generating unit operating day: (p)(1) Calendar date; (p)(2) The number of hours of operation; and (p)(3) A record of the hourly steam load. (q) The owner or operator of an affected facility described in §60.44b(j) shall submit to the Administrator a report containing: (q)(1) The annual capacity factor over the previous 12 months; (w) The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period 		
C.47	7 Emission Unit ID/Equipment ID: 01, 02 Equipment ID: UB1, AB1 Control Device ID: CD-BAG1, CD-FGD1, CD-SCR1, CD-LNB1, CD-OFA1 Limits/Standards: The combustion of any waste is subject to S.C. Regulation 61-62.5, Standar 3, as applicable. Any material containing PCBs in a concentration equal to or greater than 50 pp meeting the definition of Hazardous Waste, shall not be fired. Combustion of fuels, fuel additiv modifiers, shall meet the definition of "virgin fuels" or "specoil" as defined by S.C. Regulatio 62.1, Section I – Definitions. The use of any substance as fuel, except as specific in this perr prohibited without advance written approval from the Department. 7 The UB1 and AB1 units are permitted to combust the following materials, alone or in combinat on-spec used oil 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)		
	On-Site (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.		
C.47	 Limits/Standards: The combustion of any waste is subject to S.C. Regulation 61-62.5, S 3, as applicable. Any material containing PCBs in a concentration equal to or greater that meeting the definition of Hazardous Waste, shall not be fired. Combustion of fuels, fuel modifiers, shall meet the definition of "virgin fuels" or "specoil" as defined by S.C. Re 62.1, Section I – Definitions. The use of any substance as fuel, except as specific in the prohibited without advance written approval from the Department. The UB1 and AB1 units are permitted to combust the following materials, alone or in conspec used oil spent activated carbon from the water treatment process spent boiler cleaning fluid comprised of 1% solution of ammoniated sa of Ethylene Diamine Tetra-acetic Acid (EDTA) On-Site (S.C. Regulation 61-62.5, Standard 3, Section III (J)(6)) Sources may combust small quantit that is generated by the owner/operator, not to exceed a waste firing rate of 6% of the heat input rate. The owner/operator is prohibited from combusting any waste not spec in the permit. An analysis may be required to prove that the material to be burned is substances authorized by the permit. Spec. Oil (S.C. Regulation 61-62.5, Standard 3, Section III (J)(7)) Owner/operators combusting special special		

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Condition Number	Conditions		
	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 cannot 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.		
	Monitoring/Record Keeping/Reporting/Other: (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.		
	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 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.		
	Emission Unit ID: 04, 05, 06, 07, 08, 09, 10 Equipment ID: All Control Device ID: All		
	Limits/Standards: These sources are subject to all provisions of SC Regulation 61-62.5, Standard No. 7, "Prevention of Significant Deterioration".		
C.48	Monitoring/Record Keeping/Reporting/Other: Fugitive particulate emissions from coal, lime, and ash handling and conveying will be controlled by wet suppression and enclosures. These fugitive particulate emissions will not be allowed to exhibit 20% opacity or greater.		
	Fugitive particulate emissions from the coal pile will be controlled by wet suppression and will not be allowed to exhibit 20% opacity or greater.		
	Fugitive particulate emissions from all storage silos will be controlled by dust collectors and will not be allowed to exhibit 20% opacity or greater.		
	Emission Unit ID: 04, 12 Equipment ID: CP1, CM (RC1, RC2, TH2), U3100, U3280, U3250 Control Device ID: CD-DC11		
C.49	These sources are subject to New Source Performance Standards (NSPS), 40 CFR 60 Subpart A, General Provisions and Subpart Y Standards Of Performance For Coal Preparation And Processing Plants, and S.C. Regulation 61-62.60 Subparts A and Y, Standards Of Performance For Coal Preparation And Processing Plants, as applicable. This source shall comply with all applicable		

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Condition Number	Conditions
	requirements of Subparts A and Y.
	Emission Unit ID: 04 Equipment ID: CP1
	40 CFR §60.254 Standards For Coal Processing And Conveying Equipment, Coal Storage Systems, Transfer And Loading Systems, And Open Storage Piles.
C.50	 (c) The owner or operator of an open storage pile, which includes the equipment used in the loading, unloading, and conveying operations of the affected facility, constructed, reconstructed, or modified after May 27, 2009, must prepare and operate in accordance with a submitted fugitive coal dust emissions control plan that is appropriate for the site conditions as specified in paragraphs (c)(1) through (6) of this section. (c)(1) The fugitive coal dust emissions control plan must identify and describe the control measures the owner or operator will use to minimize fugitive coal dust emissions from each open storage pile. (c)(2) For open coal storage piles, the fugitive coal dust emissions control plan must require that one or more of the following control measures be used to minimize to the greatest extent practicable fugitive coal dust: Locating the source inside a partial enclosure, installing and operating a water spray or fogging system, applying appropriate chemical dust suppression agents on the source (when the provisions of paragraph (c)(6) of this section are met), use of a wind barrier, compaction, or use of a vegetative cover. The owner or operator must select, for inclusion in the fugitive coal dust emissions control plan, the control measure or measures listed in this paragraph that are most appropriate for site conditions. The plan must also explain how the measure or measures selected are applicable and appropriate for site conditions. In addition, the plan must be revised as needed to reflect any changing
	 conditions at the source. (c)(3) Any owner or operator of an affected facility that is required to have a fugitive coal dust emissions control plan may petition the Administrator to approve, for inclusion in the plan for the affected facility, alternative control measures other than those specified in paragraph (c)(2) of this section as specified in paragraphs (c)(3)(i) theorem (c) of this partice.
	 through (iv) of this section. (c)(3)(i) The petition must include a description of the alternative control measures, a copy of the fugitive coal dust emissions control plan for the affected facility that includes the alternative control measures, and information sufficient for EPA to evaluate the demonstrations required by paragraph (c)(3)(ii) of this section.
	 (c)(3)(ii) The owner or operator must either demonstrate that the fugitive coal dust emissions control plan that includes the alternate control measures will provide equivalent overall environmental protection or demonstrate that it is

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Condition Number	Conditions		
Number	 either economically or technically infeasible for the affected facility to use the control measures specifically identified in paragraph (c)(2). > (c)(3)(iii) While the petition is pending, the owner or operator must comply with the fugitive coal dust emissions control plan including the alternative control measures submitted with the petition. Operation in accordance with the plan submitted with the petition shall be deemed to constitute compliance with the requirement to operate in accordance with a fugitive coal dust emissions control plan that contains one of the control measures specifically identified in paragraph (c)(2) of this section while the petition is pending. > (c)(3)(iv) If the petition is approved by the Administrator, the alternative control measures will be approved for inclusion in the fugitive coal dust emissions control plan for the affected facility. In lieu of amending this subpart, a letter will be sent to the facility describing the specific control measures approved. The facility shall make any such letters and the applicable fugitive coal dust emissions control plan available to the public. If the Administrator or delegated authority as specified in paragraphs (c)(4)(i) and (c)(4)(ii) of this section. > (c)(4)(1) The plan must be submitted to the Administrator or delegated authority prior to startup of the new, reconstructed, or modified affected facility, or 30 days after the effective date of this rule, whichever is later. > (c)(4)(ii) The plan must be submitted to the Administrator or delegated authority before a source can operate pursuant to these revisions. The Administrator or delegated authority before a source can operate pursuant to these revisions as specified in paragraph (c)(5) of this section. > (c)(5)(ii) The Administrator or delegated authority may object to the fugitive coal dust emissions control plan as specified in paragraph (c)(5) of this section. > (c)(4)(ii) of this specif		
	emissions control plan. The Administrator or delegated authority retain the right, under paragraph (c)(5) of this section, to object to the revised control		

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Condition Number	Conditions		
	 plan if it determines the plan does not meet the requirements of paragraphs (c)(1) and (c)(2) of this section. (c)(6) Where appropriate chemical dust suppression agents are selected by the owner or operator as a control measure to minimize fugitive coal dust emissions, (1) only chemical dust suppressants with Occupational Safety and Health Administration (OSHA)-compliant material safety data sheets (MSDS) are to be allowed; (2) the MSDS must be included in the fugitive coal dust emissions control plan; and (3) the owner or operator must consider and document in the fugitive coal dust emissions control plan the site-specific impacts associated with the use of such chemical dust suppressants. 		
	Emission Unit ID: 04 Equipment ID: CP1 40 CFR §60.258 Reporting And Recordkeeping		
C.51	 (a) The owner or operator of a coal preparation and processing plant that commenced construction, reconstruction, or modification after April 28, 2008, shall maintain in a logbook (written or electronic) on-site and make it available upon request. The logbook shall record the following: (a)(6) Monthly certification that the fugitive coal dust emissions control plan was implemented as described. Any variance from the plan, if any, shall be noted. A copy of the applicable fugitive coal dust emissions control plan and any letters from the Administrator providing approval of any alternative control measures shall be maintained with the logbook. Any actions, e.g. objections, to the plan and any actions relative to the alternative control measures, e.g. approvals, shall be noted in the logbook as well. 		
C.52	 Emission Unit ID: 04 Equipment ID: CP1 (S.C. Regulation 61-62.6) The owner/operator shall not use any method of materials handling which will generate fugitive particulate matter that is not fully described in the permit applications. Bureau authorization is required prior to implementing modifications to processes covered under this permit. A monthly visual inspection shall be performed while the system is operating. Records of each visual inspection shall be logged and shall include, at a minimum, the cause and duration of any excessive fugitive emissions and measures taken to correct the occurrence. The Department may require the owner or operator to take additional measures, as necessary, to monitor and maintain visible emissions at or below the maximum limit. 		

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition	Conditions
Number	Material handling operations, piling of material, 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, and operator care to minimize fugitive dust.
C.53	 Innited to, proper wetting of materials, minimizing the distance of material drops, and operator care to minimize fugitive dust. Emission Unit ID: 12 Equipment: CM (RC1, RC2, TH2), U3100, U3280, U3250 Control Device ID: CD-DC11 Limits/Standards: (40 CFR §60.254(b)(1)) The owner or operator must not cause to be discharged into the atmosphere from the affected facility any gases which exhibit 10 percent opacity or greater. Monitoring/Record Keeping/Reporting/Other: (40 CFR §60.7(a)(4)) The owner/operator shall notify the Department prior to any physical or operational change to an existing source which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in §60.14. (40 CFR §60.7(b)) the owner/operator shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the chem-mod process; any malfunction of the
	 air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR §60.11(d)) At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. (40 CFR §60.258) Reporting And Record keeping.
	 (40 CFR \$60.258) Reporting And Record Keeping (a) The owner or operator of a coal preparation and processing plant that commenced construction, reconstruction, or modification after April 28, 2008, shall maintain in a logbook (written or electronic) on-site and make it available upon request. The logbook shall record the following: (a)(1) The manufacturer's recommended maintenance procedures and the date and time of any maintenance and inspection activities and the results of those activities. Any variance from manufacturer recommendation, if any, shall be noted. (a)(2) The date and time of periodic coal preparation and processing plant visual observations, noting those sources with visible emissions along with corrective actions taken to reduce visible emissions. Results from the actions shall be noted. (a)(3) The amount and type of coal processed each calendar month.

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Condition Number	Conditions		
	 (a)(4) The amount of chemical states and processing plant. (a)(5) Monthly certification that the was processed and that manufaces systems. Any variance from the measures and that manufaces described. Any variance from fugitive coal dust emissions contactions, e.g. objections, to the measures, e.g. approvals, shall be monthly certification that the planary shall be noted 	abilizer or water purchased e dust suppressant systems acturer's recommendation nanufacturer's recommend e fugitive coal dust emission the plan, if any, shall be trol plan and any letters fr rol measures shall be ma plan and any actions rel e noted in the logbook as w onitoring plan for a digital n was implemented as dese	d for use in the coal preparation s were operational when any coal as were followed for all control lations, if any, shall be noted. Ins control plan was implemented noted. A copy of the applicable rom the Administrator providing aintained with the logbook. Any ative to the alternative control vell. opacity compliance system and cribed. Any variance from plan, if
Emission Unit ID: 04, 05, 06, 07, 08, 09, 12, 14Equipment ID: AllControl Device ID: AllLimits/Standards: (S.C. Regulation 61-62.5, Standard No. 4, Section VIII) Particulate mattershall be limited to the rate specified by use of the following equations: For process weight rates less than or equal to 30 tons per hour $E = (F) 4.10P^{0.67}$ and For process weight rates greater than 30 tons per hour $E = (F) 55.0P^{0.11} - 40$ C.54C.54C.54For the purposes of compliance with this condition, the process boundaries are defined a:		VIII) Particulate matter emissions ns: tons per hour s per hour ds per hour our 5, Standard No. 4 undaries are defined as follows:	
	Process - Emission Unit ID	Equipment IDs	Emission Point ID
	Coal Railcar Unloading Process - 04	CST, CVF, DC1, EC1 RCD, RUH, SR1, SR2, TH1	CH8 (fugitive), CH1, CH2, CH3, CH6, CH4 (fugitive)
	Coal Transfer Process - 04	CC1, CC2, CSB, TH2	CH6
	Coal Storage Process - 04	CSS, RC1, RC2 SS1, TC1, TC2	CH7
	Coal Emergency Reclaim Process - 04	EC2, EVF	CH6, CH9 (fugitive)

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Condition Number	Conditions		
	Coal Pile Maintenance/Emergency Stackout Process - 04	CBD, CHT, CP1, HT-4a, HT-4b	CH10 (fugitive), CH11 (fugitive), CH12 (fugitive), CH13 (fugitive), CH14(fugitive)
	Limestone Unloading Process - 05	SIL1	LH2
	ASIT KECYCIE SIIO PROCESS - UB SILZ AH'I		
	Ash Disposal Silo A Process - 07	SIL3	AH2/4
	Ash Disposal Silo B Process - 08		
	Haul Trucks to Ash Landfill Process - 09		AH2/4, AH3/5, AH6
	Chem-Mod Transfer Process - 12	CM, U3100, U3280, U3250	CHEMMOD
	S-Sorb® Silo Tank - 12	S8200	SORBSILO
	S-Sorb® Day Bin Tank -12	S3200	SORBDAYBIN
	Activated Carbon Injection (ACI) System - 14	ACI-1	ACI-BV1, ACI-BV2, ACI-BV3
	application. Emission Unit ID: 04, 05, 06, 07, 08, 09, 1 Equipment ID: All Control Device ID: All Limits/Standards: (S.C. Regulation 61-6 modification began after December 31, emissions) shall not exhibit an opacity gree	52.5, Standard No. 4, Sec 1985, emissions from the eater than 20%, each.	tion IX) Where construction or nese sources (including fugitive
C.55	Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a vision inspection on a semiannual basis during source operation. Logs shall be kept to record all vision inspections, noting color, duration, density (heavy or light), cause, and corrective action taken for a abnormal emissions. If a source did not operate during the required visual inspection time frame the log shall indicate such. The owner/operator shall submit semiannual reports. The report shall include records of abnormal emissions, if any, and corrective actions taken. If the unit did not operate during the semiannual period, the report shall state so.		berator shall perform a visual shall be kept to record all visual nd corrective action taken for any ed visual inspection time frame, annual reports. The report shall taken. If the unit did not operate laylight hours. The observer does
	not need to be certified to conduct valid should be trained and knowledgeable background contrast, ambient lighting, presence of uncombined water.	visual inspections. However about the effects on visual observer position rel	ver, at a minimum, the observer sibility of emissions caused by lative to lighting, wind, and the
C.56	Emission Unit ID: 12		

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Number	Conditions			
	Equipment ID: Control Device	All ID: All		
	The Chem-Mod	process is limited to a maximum	production rate of 800 tor	is per hour.
	The owner or o Application rates raw coal ton. D Daily application higher application Quality in writing performance tes	perator shall maintain daily rec s shall be recorded in units of Me aily application of S-Sorb® is lim of MerSorb® is limited to a max on rates or use of other compone g shall depend upon prior Bureau sting.	ords of MerSorb® and S- rSorb® tons per raw coal t ited to a maximum of 0.55 kimum of 0.11% by weight ents not specifically author u review and may require p	Sorb® application rates. on and S-Sorb® tons per 5% by weight of coal fuel. of coal fuel. Approval for ized by the Bureau of Air pre-approval combustion
	An algorithm, in rates shall be in calculations are Bureau or if the	cluding example calculations, ex cluded in the initial report. Sub unnecessary, unless the method facility changes the method of ca	plaining the method used psequent submittals of the d of calculation is found to alculating the production ra	to determine applicatior algorithm and example be unacceptable by the ate.
	The owner or op rates, the actual S-Sorb® compo should also state the reporting pe	perator shall submit semiannual maximum daily application rates nents consumed during the sem e the actual maximum Chem-Mo riod.	reports stating the actual , and the actual total amou iannual reporting period. d process production rate	average daily application nts of the MerSorb® and The semiannual reports that was recorded during
	Emission Unit I	D: 13		
	Limits/Standar "Prevention of S	ds: This source is subject to all p ignificant Deterioration". The fol	rovisions of SC Regulation lowing BACT limits have be	61-62.5, Standard No. 7, en established:
	Dellutent	DACT	1 : :	Augustice Devied
	Pollutant	BACT	Limit	Averaging Period
6 67	Pollutant PM	BACT Good Combustion Practices	Limit <1.0 lb/hr and <1.0 tpy	Averaging Period 3 hour block average
C.57	Pollutant PM PM ₁₀	BACT Good Combustion Practices Good Combustion Practices	Limit <1.0 lb/hr and <1.0 tpy <1.0 lb/hr and <1.0 tpy	Averaging Period 3 hour block average 3 hour block average
C.57	Pollutant PM PM ₁₀ SO ₂	BACT Good Combustion Practices Good Combustion Practices Combustion of low sulfur fuels	Limit <1.0 lb/hr and <1.0 tpy <1.0 lb/hr and <1.0 tpy 1.2 lb/hr and <1.0 tpy	Averaging Period 3 hour block average 3 hour block average 3 hour block average
C.57	Pollutant PM PM ₁₀ SO ₂ NO _X	BACT Good Combustion Practices Good Combustion Practices Combustion of low sulfur fuels Good Combustion Practices	Limit <1.0 lb/hr and <1.0 tpy <1.0 lb/hr and <1.0 tpy 1.2 lb/hr and <1.0 tpy 13.1 lb/hr and 3.3 tpy	Averaging Period 3 hour block average 3 hour block average 3 hour block average 3 hour block average
C.57	Pollutant PM PM ₁₀ SO ₂ NO _x CO	BACT Good Combustion Practices Good Combustion Practices Combustion of low sulfur fuels Good Combustion Practices Good Combustion Practices	Limit <1.0 lb/hr and <1.0 tpy <1.0 lb/hr and <1.0 tpy 1.2 lb/hr and <1.0 tpy 13.1 lb/hr and 3.3 tpy 1.0 lb/hr and <1.0 tpy	Averaging Period 3 hour block average 3 hour block average 3 hour block average 3 hour block average 3 hour block average

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C. LIMITATIONS, MONITORING AND REPORTING CONDITIONS

Condition Number	Conditions	
	written approval from the Department. Fuel oil sulfur content shall be less than or equal to 0.3 percent by weight. Fuel oil supplier certification shall be obtained for each batch of oil received and stored on site. Reports of the recorded sulfur content shall be submitted annually. The emergency diesel generator is limited to operating a maximum of 500 hours per year. The owner/operator must record the actual operating hours monthly. Reports of the recorded hours of operation shall be submitted semiannually.	
	Emission Unit ID: 14 Equipment ID: ACI-1	
	The Activated Carbon Injection (ACI) System is limited to a maximum capacity of 500 lbs activated carbon per hour.	
C.58	The owner or operator shall maintain daily records of activated carbon injection rates. Injection rates shall be recorded in units of lbs/hr. Approval for higher injection rates shall depend upon prior Bureau review.	
	An algorithm, including example calculations, explaining the method used to determine injection 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.	
	The owner or operator shall submit semiannual reports stating the actual hourly injection rates and the actual total pounds of activated carbon injected during the semiannual reporting period.	
	Emission Unit ID: All Equipment ID: All Control Device ID: All	
C.59	This facility has processes potentially subject to the provisions of S.C. Regulation 61-62.60 and 40 CFR 60, Standards Of Performance For New Stationary Sources, Subparts A (General Provisions) Subpart DDDD – (Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units). Should this facility be subject to these regulations, the owner/operator shall follow all applicable requirements as specified in the regulation.	
	(40 CFR §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, you must keep a record which documents how the secondary material meets each of the legitimacy criteria under §241.3(d)(1). If you combust a fuel that has been processed from a discarded non-hazardous secondary material pursuant to §241.3(b)(4), you 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	

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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	Conditions
	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), you 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, you must keep records documenting that the material is a listed non-waste under §241.4(a).

D. NESHAP PERIODIC REPORTING SCHEDULE SUMMARY

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	ZZZZ (Emergency Engines 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
63	UUUUU (5U)	Semiannual	January 1 – June 30 July 1 – December 31	30 days after 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 63.10(a)(5). This request may be made 1 year after the compliance date for the associated MACT standard.
- 3. Facilities with emergency engines are not required to submit reports. Only facilities with non-certified, nonemergency engines are required to submit semiannual reports.
- 4. Facilities with emergency engines shall comply with the operations limits specified in 40 CFR 63.6640(f).

E. NESHAP – CONDITIONS

Condition Number	Conditions
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

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E. NESHAP – CONDITIONS

Condition Number	Conditions		
	Environmental Protection Agency (US EPA) at the following address or electronically as required by		
	the specific subpart:		
	US EFA, REGIUII 4 Air Pesticides and Toxics Management Division		
	61 Forsyth Street SW		
	Atlanta. GA 30303		
	Emergency engines less than or equal to 150 kilowatt (kW) rated capacity, emergency engines 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 and have a method to record the actual hours of use, such as an hour meter, and diesel engine driven emergency fire pumps that are operated a total of 500 hours per year or less for testing and maintenance and have 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.		
E.3	If present, these sources shall still comply with the requirements of all applicable regulations, including but not limited to the following:		
	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).		
	Emission Unit ID: 02 Equipment ID: AB1		
E.4	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 DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Industrial Boilers and Process Heaters. Existing affected sources shall be in compliance with the requirements of these Subparts by the compliance date, unless otherwise noted. Any new affected sources shall comply with the requirements of these Subparts upon initial start-up unless otherwise noted.		
	Emission Unit ID: 02 Equipment ID: AB1		
E.5	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 the boiler to less than or equal to 10 percent and keep records of fuel use for the days the boiler is in operation.		
	(S.C. Regulation 61-62.70.6.a.3) Monitoring And Related Recordkeeping And Reporting Requirements.		

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E. NESHAP - CONDITIONS

Condition Number	Conditions
	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 the average annual capacity factor, along with the average annual capacity factor shall be kept on-site.
E.6	Emission Unit ID/Equipment ID: 01 Equipment ID: UB1 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."

F. COMPLIANCE SCHEDULE - RESERVED

G. PERMIT SHIELD

Condition Number	Conditions
G.1	(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. The owner or operator shall also be shielded from the non-applicable requirements specified in Attachment – Attachment – Applicable and Non-Applicable Federal and State Regulations. Exceptions to this are stated below in the Permit Shield Exceptions Table. This permit shield does not extend to applicable requirements which are promulgated after permit issuance, unless the permit has been appropriately modified to reflect such new requirements.
	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

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G. PERMIT SHIELD

Condition Number	Conditions	
	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	
	nermit modifications (S.C. Regulation 61-62.70.7(a)(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)	
	Permit Shield Exceptions	
	SC Regulation 61-62.1	
	SC Regulation 61-62.3	
	SC Regulation 61-62.5, Std. No. 3	
	SC Regulation 61-62.5, Std. No. 3.1	
	SC Regulation 61-62.5, Std. No. 7	
	SC Regulation 61-62.5, Std. No. 7.1	
	SC Regulation 61-62.72	
	40 CFR 60 subpart DDDD	
	40 CFR 61 subpart M	
	40 CFR 72	
	SC Regulation 61-62.60	
	SC Regulation 61-62.61	
	SC Regulation 61-62.63	
	SC Regulation 61-62.96	
	SC Regulation 61-62.97	
	40 CFR 60 subpart UUUUa	
	40 CFR 70	
	40 CFR 82	
	40 CFR 97	

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

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I. AMBIENT AIR STANDARDS REQUIREMENTS

Condition Number	Conditions
1.1	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. 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.
	so by the administrative process specified above. This is a State Only enforceable requirement.

J. PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date			
	January-March	April 30			
Quartarly	April-June	July 30			
Quarterly	July-September	October 30			
	October-December	January 30			
	January-June	July 30			
Comionnuol	April-September	October 30			
Semiannual	July-December	January 30			
	October-March	April 30			
Note: This reporting schedule does not supersede any federal reporting requirements including but not limited to					
40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All federal reports must meet the reporting time frames specified					
in the federal standard unless the Department or EPA approves a change.					

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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
	January-December	February 14
Appual	April-March	May 15
Annual	July-June	August 14
	October-September	November 14

L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions				
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: 2600 Bull Street Columbia, SC 29201 The contact information for the local Environmental Affairs Regional office can be found at:				
	http://www.scdhec.gov				
L.3	submitted to the Manager of the Technical Management Section, Bureau of Air Quality.				
L.4	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. US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street SW Atlanta, GA 30303				
L.5	 (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: Records of required monitoring information shall include the following: 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 				

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions					
	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.					
L.6	 (S.C. Regulation 61-62.1, Section II(J)(1)(c)) For sources not required to have continuous emission 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 (1) hour or more and which are greater than those discharges described for normal operation in the permit application, shall be reported to the Department within twenty-four (24) hours after the beginning of the occurrence and a written report shall be submitted to the Department within thirty (30) days. The written report shall include, at a minimum, the following: The identity of the stack and/or emission point where the excess emissions occurred; 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; The time and duration of excess emissions; The nature and cause of such excess emissions; The nature and cause of such excess emissions; and, 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. 					
	Air Quality and the local Environmental Affairs Regional office.					
L.7	 (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: The identification of each term or condition of the permit that is the basis of the certification. 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. 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 certification certification. 					

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L. TITLE V RECORD KEEPING AND REPORTING REQUIREMENTS

Condition Number	Conditions
	4. Such other facts as the Department may require to determine the compliance status of the
	source.
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 Air Permitting 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 source. Transfer of the operating or construction permits will be effective upon written approval by the Department.

Condition Number	Conditions					
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					

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Condition Number	Conditions					
	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 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					
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: 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. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 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: An emergency occurred and that the owner or operator can identify the cause(s) of the emergency; The permitted facility was at the time being properly operated; and During the period of the emergency the owner or operator took all reasonable steps to 					

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Condition	Conditions					
Number						
	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					
	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.					
	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.					
	(S.C. Regulation 61-62.70.6(a)(1)(ii)) Where an applicable requirement of the Act is more stringent than					
M.17	an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall					
	be incorporated into the permit and shall be enforceable by the Administrator.					
	(S.C. Regulation 61-62.70.6(a)(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,					
M.18	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.					
	(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-					
M 19	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					
111.15	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).					
	(S.C. Regulation 61-62.70.6(a)(7)) The owners or operators of Part 70 sources shall pay fees to the					
M.21	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.					
	(S.C. Regulation 61-62.1, Section III) The owners or operators of Part 70 sources shall complete and					
M.22	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.					
	This requirement notwithstanding an emissions inventory may be required at any time in order to					
	determine the compliance status of any facility					
MDD	This normit expressly incorporates incignificant activities. Emissions from these activities shall be					
101.23	This permit expressly incorporates insignificant activities. Emissions from these activities shall be					

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Condition Number	Conditions				
	included in the emissions inventory submittals as required by S.C. Regulation 61-62.1, Section III(B)(2)(g).				
M.24	(S.C. Regulation 61-62.1, Section II(J)(1)(a)) No applicable law, regulation, or standard will be contravened.				
M.25	(S.C. Regulation 61-62.1, Section II(J)(1)(e)) Any owner or operator who constructs or operates a source or modification not in accordance with the application submitted pursuant to S.C. Regulation 61-62.1 or with the terms of any approval to construct, or who commences construction after the effective date of S.C. Regulation 61-62.1 without applying for and receiving approval hereunder, shall be subject to enforcement action.				

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The emission rates listed herein are not considered 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 Emission Rates (lbs/hr)					
ID	PM ₁₀	PM _{2.5}	SO ₂ .	NOx	СО
AB1	2.7	0.32	58.30	6.26	10.55
AH01	0.09	0.09	-	-	-
AH02	0.10	0.05	-	-	-
AH03	0.10	0.05	-	-	-
AH04	0.02	0.001	-	-	-
AH05	0.02	0.001	-	-	-
AH061	0.08	0.05	-	-	-
AH062	0.08	0.05	-	-	-
AH063	0.08	0.05	-	-	-
AH064	0.08	0.05	-	-	-
AH065	0.08	0.05	-	-	-
AH066	0.08	0.05	-	-	-
AH067	0.08	0.05	-	-	-
AH068	0.08	0.05	-	-	-
CH11	2.99	2.74	-	-	-
CH1A	0.24	0.03	-	-	-
CH1B	0.24	0.03	-	-	-
CH2	0.28	0.02	-	-	-
CH3	0.48	0.06	-	-	-
CH4	0.96	0.06	-	-	-
CH6	0.49	0.08	-	-	-
CH7	0.11	0.02	-	-	-
CT1	0.09	0.09	-	-	-
CT10	0.09	0.09	-	-	-
CT11	0.09	0.09	-	-	-
CT12	0.09	0.09	-	-	-
CT13	0.09	0.09	-	-	-
CT14	0.09	0.09	-	-	-
CT2	0.09	0.09	-	-	-
CT3	0.09	0.09	-	-	-
CT4	0.09	0.09	-	-	-
CT5	0.09	0.09	-	-	-

ATTACHMENT - Emission Rates for Ambient Air Standards

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AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2					
Emission Point	t Emission Rates (lbs/hr)				
ID	PM ₁₀	PM _{2.5}	SO ₂ .	NO _x	CO
CT6	0.09	0.09	-	-	-
CT7	0.09	0.09	-	-	-
CT8	0.09	0.09	-	-	-
CT9	0.09	0.09	-	-	-
EG1	1.32	0.08	1.23	1.06	4.01
EG2	0.58	0.03	0.54	0.47	1.77
LANDFILL	1.52	1.49	-	-	-
LH01A	2.95E-01	0.02	-	-	-
LH01B	2.95E-01	0.02	-	-	-
LH02	0.12	0.03	-	-	-
UB1	98.40	98.40	1181.1	1511.8	600.0
CHEMMOD	0.31	0.05	-	-	-
SORBSILO	0.00141	0.00141	-	-	-
SORBDAYBIN	0.00141	0.00141	-	-	-

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2			
Emission Daint ID		Emission Rates (lbs/hr)	
	LEAD	GASEOUS FLUORIDES (as HF)	
AB1	0.0017	-	
UB1	0.1	24	

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

	APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable	
SC Regulation 61-62.1	Definitions and General Requirements	Yes	
SC Regulation 61-62.2	Prohibition of Open Burning	Yes	
SC Regulation 61-62.3	Air Pollution Episodes	No	
SC Regulation 61-62.4	Hazardous Air Pollution Conditions	Yes	
SC Regulation 61-62.5, Std. No. 1	Emissions from Fuel Burning Operations	Yes	
SC Regulation 61-62.5, Std. No. 2	Ambient Air Quality Standards	Yes	
SC Regulation 61-62.5, Std. No. 3	Waste Combustion and Reduction	Yes	
SC Regulation 61-62.5, Std. No. 3.1	Hospital, Medical, Infectious Waste Incinerators (HMIWI)	No	
SC Regulation 61-62.5, Std. No. 4	Emissions from Process Industries	Yes	
SC Regulation 61-62.5, Std. No. 5	Volatile Organic Compounds	No	
SC Regulation 61-62.5, Std. No. 5.2	Oxides of Nitrogen	No	
SC Regulation 61-62.5, Std. No. 7	Prevention of Significant Deterioration	Yes	
SC Regulation 61-62.5, Std. No. 7.1	Nonattainment New Source Review	No	
SC Regulation 61-62.5, Std. No. 8	Toxic Air Pollutants	No	
SC Regulation 61-62.6	Control of Fugitive Particulate Matter	Yes	
SC Regulation 61-62.7	Good Engineering Practice Stack Height	Yes	
SC Regulation 61-62.60	SC Designated Facility Plan and New Source Performance Standards	Yes	
SC Regulation 61-62.61	National Emissions Standards for Hazardous Air Pollutants	No	
SC Regulation 61-62.63	National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories	Yes	
SC Regulation 61-62.68	Chemical Accident Prevention Provisions	Yes	
SC Regulation 61-62.70	Title V Operating Permit Program	Yes	
SC Regulation 61-62.72	Acid Rain	Yes	
SC Regulation 61-62.96	NO _x Budget Trading Program	No	
SC Regulation 61-62.97	Cross-State Air Pollution Rule (CSAPR) Trading Program	Yes	
SC Regulation 61-62.99	NO _x Budget Trading Program Requirements for Stationary Sources Not in the Trading Program	No	
40 CFR 60 subpart A	General Provisions	Yes	
40 CFR 60 subpart B	Adoption and Submittal of State Plans for Designated Facilities	No	
40 CFR 60 subpart C	Emission Guidelines and Compliance Times	No	
40 CFR 60 subpart Ca	Emissions Guidelines and Compliance for Municipal Waste Combustors	No	

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APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable
40 CFR 60 subpart Cb	Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or Before December 19, 1995	No
40 CFR 60 subpart Cc	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	No
40 CFR 60 subpart Cd	Emissions Guidelines and Compliance Times for Sulfuric Acid Production Units	No
40 CFR 60 subpart Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators	No
40 CFR 60 subpart Cf	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	No
40 CFR 60 subpart D	Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971	No
40 CFR 60 subpart Da	Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	Yes
40 CFR 60 subpart Db	Industrial-Commercial-Institutional Steam Generating Units	Yes
40 CFR 60 subpart Dc	Small Industrial-Commercial-Institutional Steam Generating Units	No
40 CFR 60 subpart E	Incinerators	No
40 CFR 60 subpart Ea	Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989 and on or Before September 20, 1994	No
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	No
40 CFR 60 subpart Ec	Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20, 1996	No
40 CFR 60 subpart F	Portland Cement Plants	No
40 CFR 60 subpart G	Nitric Acid Plants	No
40 CFR 60 subpart Ga	Nitric Acid Plants For which Construction, Reconstruction, or Modification Commenced After October 14, 2011	No
40 CFR 60 subpart H	Sulfuric Acid Plants	No
40 CFR 60 subpart I	Hot Mix Asphalt Facilities	No
40 CFR 60 subpart J	Petroleum Refineries	No
40 CFR 60 subpart Ja	Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007	No
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	No

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APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable
	Storage Vessels for Petroleum Liquids for Which Construction,	
40 CFR 60 subpart Ka	Reconstruction, or Modification Commenced After May 18, 1978, and	No
	Prior to July 23, 1984	
40 CER 60 subport Kb	Volatile Organic Liquid Storage Vessels for Which Construction,	No
40 CFR 80 Subpart Rb	Reconstruction, or Modification Commenced After July 23, 1984	NO
40 CFR 60 subpart L	Secondary Lead Smelters	No
40 CFR 60 subpart M	Secondary Brass and Bronze Production Plants	No
40 CER 60 subpart N	Primary Emissions from Basic Oxygen Process Furnaces for Which	No
40 CFR 60 Subpart N	Construction is Commenced After June 11, 1973	NO
	Secondary Emissions from Basic Oxygen Process Steelmaking	
40 CFR 60 subpart Na	Facilities for Which Construction is Commenced After January 20,	No
	1983	
40 CFR 60 subpart O	Sewage Treatment Plants	No
40 CFR 60 subpart P	Primary Copper Smelters	No
40 CFR 60 subpart Q	Primary Zinc Smelters	No
40 CFR 60 subpart R	Primary Lead Smelters	No
40 CFR 60 subpart S	Primary Aluminum Reduction Plants	No
40 CFR 60 subpart T	Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plants	No
40 CFR 60 subpart U	Phosphate Fertilizer Industry: Super Phosphoric Acid Plants	No
40 CFR 60 subpart V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants	No
40 CFR 60 subpart W	Phosphate Fertilizer Industry: Triple Superphosphate Plants	No
40 CFR 60 subpart X	Phosphate Fertilizer Industry: Granular Triple Superphosphate	No
	Storage Facilities	INO
40 CFR 60 subpart Y	Coal Preparation Plants	Yes
40 CFR 60 subpart Z	Ferroalloy Production Facilities	No
40 CFR 60 subpart AA	Steel Plants: Electric Arc Furnaces Constructed After October 21,1974	No
	and on or Before August 17, 1983	NO
40 CFR 60 subpart AAa	Steel Plants: Electric Arc Furnaces and Argon- Oxygen Decarburization	No
	Vessels Constructed After August 7,1983	NO
40 CFR 60 subpart BB	Kraft Pulp Mills	No
40 CFR 60 subpart BBa	Kraft Pulp Mill Affected Sources For Which Construction,	No
	Reconstruction, Or Modification Commenced After May 23, 2013	NO
40 CFR 60 subpart CC	Glass Manufacturing Plants	No
40 CFR 60 subpart DD	Grain Elevators	No
40 CFR 60 subpart EE	Surface Coating Of Metal Furniture	No
40 CFR 60 subpart GG	Stationary Gas Turbines	No
40 CFR 60 subpart HH	Lime Manufacturing Plants	No
40 CFR 60 subpart KK	Lead-Acid Battery Manufacturing Plants	No
40 CFR 60 subpart LL	Metallic Mineral Processing Plants	No
40 CFR 60 subpart MM	Automobile And Light-Duty Truck Surface Coating Operations	No

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APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable
40 CFR 60 subpart NN	Phosphate Rock Plants	No
40 CFR 60 subpart PP	Ammonium Sulfate Manufacture	No
40 CFR 60 subpart QQ	The Graphic Arts Industry: Publication Rotogravure Printing	No
40 CFR 60 subpart RR	Pressure Sensitive Tape And Label Surface Coating Operations	No
40 CFR 60 subpart SS	Industrial Surface Coating: Large Appliances	No
40 CFR 60 subpart TT	Metal Coil Surface Coating	No
40 CFR 60 subpart UU	Asphalt Processing And Asphalt Roofing Manufacture	No
40 CFR 60 subpart VV	Equipment Leaks Of VOC In The Synthetic Organic Chemicals	
	Manufacturing Industry For Which Construction, Reconstruction, Or	No
	Modification Commenced After January 5, 1981, And On Or Before	INO
	November 7, 2006	
40 CFR 60 subpart WW	The Beverage Can Surface Coating Industry	No
40 CFR 60 subpart XX	Bulk Gasoline Terminals	No
40 CFR 60 subpart AAA	New Residential Wood Heaters	No
40 CFR 60 subpart BBB	The Rubber Tire Manufacturing Industry	No
40 CFR 60 subpart DDD	Volatile Organic Compound (VOC) Emissions From The Polymer	No
	Manufacturing industry	NO
40 CFR 60 subpart FFF	Flexible Vinyl And Urethane Coating And Printing	No
40 CFR 60 subpart GGG	Equipment Leaks Of VOC In Petroleum Refineries For Which	
	Construction, Reconstruction, Or Modification Commenced After	No
	January 4, 1983, And On Or Before November 7, 2006	
40 CFR 60 subpart GGGa	Equipment Leaks Of VOC In Petroleum Refineries For Which	
	Construction, Reconstruction, Or Modification Commenced After	No
	November 7, 2006	
40 CFR 60 subpart HHH	Synthetic Fiber Production Facilities	No
40 CFR 60 subpart III	Volatile Organic Compound (VOC) Emissions From The Synthetic	
	Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit	No
	Processes	
40 CFR 60 subpart JJJ	Petroleum Dry Cleaners	No
40 CFR 60 subpart KKK	Equipment Leaks Of VOC From Onshore Natural Gas Processing	
	Plants For Which Construction, Reconstruction, Or Modification	No
	Commenced After January 20, 1984, And On Or Before August 23,	
	2011	
40 CFR 60 subpart LLL	SO2 Emissions From Onshore Natural Gas Processing For Which	
	Construction, Reconstruction, Or Modification Commenced After	No
	January 20, 1984, And On Or Before August 23, 2011	
40 CFR 60 subpart NNN	volatile Organic Compound (VOC) Emissions From Synthetic Organic	No
	Chemical Manufacturing Industry (SOCMI) Distillation Operations	NJ -
	Nonmetallic Mineral Processing Plants	NO
40 CFR 60 subpart PPP	Wool Fiberglass Insulation Manufacturing Plants	NO

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APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable
40 CFR 60 subpart QQQ	VOC Emissions From Petroleum Refinery Wastewater Systems	No
40 CFR 60 subpart RRR	Volatile Organic Compound (VOC) Emissions From Synthetic Organic	No
	Chemical Manufacturing Industry (SOCMI) Reactor Processes	INO
40 CFR 60 subpart SSS	Magnetic Tape Coating Facilities	No
40 CFR 60 subpart TTT	Industrial Surface Coating: Surface Coating Of Plastic Parts For	Nie
	Business Machines	INO
40 CFR 60 subpart UUU	Calciners And Dryers In Mineral Industries	No
40 CFR 60 subpart VVV	Polymeric Coating Of Supporting Substrates Facilities	No
40 CFR 60 subpart WWW	Municipal Solid Waste Landfills That Commenced Construction,	
	Reconstruction, Or Modification On Or After May 30, 1991, But Before	No
	July 18, 2014	
40 CFR 60 subpart XXX	Municipal Solid Waste Landfills That Commenced Construction,	No
	Reconstruction, Or Modification After July 17, 2014	INO
40 CFR 60 subpart AAAA	Small Municipal Waste Combustion Units For Which Construction Is	
	Commenced After August 30, 1999 Or For Which Modification Or	No
	Reconstruction Is Commenced After June 6, 2001	
40 CFR 60 subpart BBBB	Emission Guidelines And Compliance Times For Small Municipal	No
	Waste Combustion Units Constructed On Or Before August 30, 1999	NO
40 CFR 60 subpart CCCC	Commercial And Industrial Solid Waste Incineration Units	No
40 CFR 60 subpart DDDD	Emissions Guidelines And Compliance Times For Commercial And	No
	Industrial Solid Waste Incineration Units	NO
40 CFR 60 subpart EEEE	Other Solid Waste Incineration Units For Which Construction Is	
	Commenced After December 9, 2004, Or For Which Modification Or	No
	Reconstruction Is Commenced On Or After June 16, 2006	
40 CFR 60 subpart FFFF	Emission Guidelines And Compliance Times For Other Solid Waste	
	Incineration Units That Commenced Construction On Or Before	No
	December 9, 2004	
40 CFR 60 subpart IIII	Stationary Compression Ignition Internal Combustion Engines	No
40 CFR 60 subpart JJJJ	Stationary Spark Ignition Internal Combustion Engines	No
40 CFR 60 subpart KKKK	Stationary Combustion Turbines	No
40 CFR 60 subpart LLLL	New Sewage Sludge Incineration Units	No
40 CFR 60 subpart MMMM	Emission Guidelines And Compliance Times For Existing Sewage	No
	Sludge Incineration Units	NO
40 CFR 60 subpart OOOO	Crude Oil And Natural Gas Facilities For Which Construction,	
	Modification, Or Reconstruction Commenced After August 23, 2011,	No
	And On Or Before September 18, 2015	
40 CFR 60 subpart OOOOa	Crude Oil And Natural Gas Facilities For Which Construction,	
	Modification, Or Reconstruction Commenced After September 18,	No
	2015	
40 CFR 60 subpart QQQQ	New Residential Hydronic Heaters And Forced-Air Furnaces	No

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APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable
40 CFR 60 subpart TTTT	Greenhouse Gas Emissions For Electric Generating Units	No
40 CFR 60 subpart UUUUa	Emission Guidelines For Greenhouse Gas Emissions From Existing	Vac
	Electric Utility Generating Units	162
40 CFR 61 subpart A	General Provisions	Yes
40 CFR 61 subpart B	Radon Emissions From Underground Uranium Mines	No
40 CFR 61 subpart C	Beryllium	No
40 CFR 61 subpart D	Beryllium Rocket Motor Firing	No
40 CFR 61 subpart E	Mercury	No
40 CFR 61 subpart F	Vinyl Chloride	No
40 CFR 61 subpart H	Emissions Of Radionuclides Other Than Radon From Department Of	No
	Energy Facilities	NO
40 CFR 61 subpart l	Radionuclide Emissions From Federal Facilities Other Than Nuclear	No
	Regulatory Commission Licensees And Not Covered By Subpart H	NO
40 CFR 61 subpart J	Equipment Leaks (Fugitive Emission Sources) Of Benzene	No
40 CFR 61 subpart K	Radionuclide Emissions From Elemental Phosphorus Plants	No
40 CFR 61 subpart L	Benzene Emissions From Coke By-Product Recovery Plants	No
40 CFR 61 subpart M	Asbestos	Yes
40 CFR 61 subpart N	Inorganic Arsenic Emissions From Glass Manufacturing Plants	No
40 CFR 61 subpart O	Inorganic Arsenic Emissions From Primary Copper Smelters	No
40 CFR 61 subpart P	Inorganic Arsenic Emissions From Arsenic Trioxide And Metallic	No
	Arsenic Production Facilities	NO
40 CFR 61 subpart Q	Radon Emissions From Department Of Energy Facilities	No
40 CFR 61 subpart R	Radon Emissions From Phosphogypsum Stacks	No
40 CFR 61 subpart T	Radon Emissions From The Disposal Of Uranium Mill Tailings	No
40 CFR 61 subpart V	Equipment Leaks (Fugitive Emission Sources)	No
40 CFR 61 subpart W	Radon Emissions From Operating Mill Tailings	No
40 CFR 61 subpart Y	Benzene Emissions From Benzene Storage Vessels	No
40 CFR 61 subpart BB	Benzene Emissions From Benzene Transfer Operations	No
40 CFR 61 subpart FF	Benzene Waste Operations	No
40 CFR 63 subpart A	General Provisions	Yes
40 CFR 63 subpart B	Requirements For Control Technology Determinations For Major	No
	Sources	NO
40 CFR 63 subpart C	De-Listings	No
40 CFR 63 subpart D	Compliance Extensions For Early Reduction Sources	No
40 CFR 63 subpart E	Approval Of State Programs And Delegation Of Authority	No
40 CFR 63 subpart F	Synthetic Organic Chemical Manufacturing Industry, HON	No
40 CFR 63 subpart G	Synthetic Organic Chemical Manufacturing Industry For Process	No
	Vents, Storage Vessels, Transfer Operations, And Wastewater, HON	NU
40 CFR 63 subpart H	Organic Hazardous Air Pollutants For Equipment Leaks, HON	No

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APPLICABILITY DETERMINATION		
Citation	Regulation	Applicable
40 CFR 63 subpart l	Organic Hazardous Air Pollutants For Certain Processes Subject To	No
	The Negotiated Regulation For Equipment Leaks	INO
40 CFR 63 subpart J	Polyvinyl Chloride And Copolymers Production	No
40 CFR 63 subpart L	Coke Oven Batteries	No
40 CFR 63 subpart M	Dry Cleaning Facilities	No
40 CFR 63 subpart N	Chromium Emissions From Hard And Decorative Chromium	Nie
	Electroplating And Chromium Anodizing Tanks	INO
40 CFR 63 subpart O	Ethylene Oxide Emissions Standards For Sterilization Facilities	No
40 CFR 63 subpart Q	Industrial Process Cooling Towers	No
40 CFR 63 subpart R	Gasoline Distribution Facilities (Bulk Gasoline Terminals And Pipeline	No
	Breakout Stations)	INO
40 CFR 63 subpart S	The Pulp And Paper Industry	No
40 CFR 63 subpart T	Halogenated Solvent Cleaning	No
40 CFR 63 subpart U	Group I Polymers And Resins	No
40 CFR 63 subpart W	Epoxy Resins Production And Non-Nylon Polyamides Production	No
40 CFR 63 subpart X	Secondary Lead Smelting	No
40 CFR 63 subpart Y	Marine Tank Vessel Loading Operations	No
40 CFR 63 subpart AA	Phosphoric Acid Manufacturing Plants	No
40 CFR 63 subpart BB	Phosphate Fertilizers Production Plants	No
40 CFR 63 subpart CC	Petroleum Refineries	No
40 CFR 63 subpart DD	Off-Site Waste And Recovery Operations	No
40 CFR 63 subpart EE	Magnetic Tape Manufacturing Operations	No
40 CFR 63 subpart GG	Aerospace Manufacturing And Rework Facilities	No
40 CFR 63 subpart HH	Oil And Natural Gas Production Facilities	No
40 CFR 63 subpart II	Shipbuilding And Ship Repair (Surface Coating)	No
40 CFR 63 subpart JJ	Wood Furniture Manufacturing Operations	No
40 CFR 63 subpart KK	The Printing And Publishing Industry	No
40 CFR 63 subpart LL	Primary Aluminum Reduction Plants	No
40 CFR 63 subpart MM	Chemical Recovery Combustion Sources At Kraft, Soda, Sulfite, And	No
	Stand-Alone Semichemical Pulp Mills	NO
40 CFR 63 subpart OO	Tanks-Level 1	No
40 CFR 63 subpart PP	Containers	No
40 CFR 63 subpart QQ	Surface Impoundments	No
40 CFR 63 subpart RR	Individual Drain Systems	No
40 CFR 63 subpart SS	Closed Vent Systems, Control Devices, Recovery Devices And Routing	No
	To A Fuel Gas System Or A Process	INU
40 CFR 63 subpart TT	Equipment LeaksControl Level 1	No
40 CFR 63 subpart UU	Equipment LeaksControl Level 2 Standards	No
40 CFR 63 subpart VV	Oil-Water Separators And Organic-Water Separators	No
ATTACHMENT – Applicable and Non-Applicable Federal and State Regulations

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APPLICABILITY DETERMINATION			
Citation	Regulation		
40 CFR 63 subpart WW	Storage Vessels (Tanks)Control Level 2		
40 CFR 63 subpart XX	Ethylene Manufacturing Process Units: Heat Exchange Systems And	operations	
	Waste Operations		
40 CFR 63 subpart YY	Generic Maximum Achievable Control Technology Standards	No	
40 CFR 63 subpart CCC	Steel PicklingHCl Process Facilities And Hydrochloric Acid	No	
	Regeneration Plants	NO	
40 CFR 63 subpart DDD	Mineral Wool Production	No	
40 CFR 63 subpart EEE	Hazardous Waste Combustors	No	
40 CFR 63 subpart GGG	Pharmaceuticals Production	No	
40 CFR 63 subpart HHH	Natural Gas Transmission And Storage Facilities	No	
40 CFR 63 subpart III	Flexible Polyurethane Foam Production	No	
40 CFR 63 subpart JJJ	Group IV Polymers And Resins	No	
40 CFR 63 subpart LLL	Portland Cement Manufacturing Industry	No	
40 CFR 63 subpart MMM	Pesticide Active Ingredient Production	No	
40 CFR 63 subpart NNN	Wool Fiberglass Manufacturing	No	
40 CFR 63 subpart OOO	Manufacture Of Amino/Phenolic Resins	No	
40 CFR 63 subpart PPP	Polyether Polyols Production	No	
40 CFR 63 subpart QQQ	part QQQ Primary Copper Smelting		
40 CFR 63 subpart RRR	Secondary Aluminum Production	No	
40 CFR 63 subpart TTT	Primary Lead Smelting	No	
40 CFR 63 subpart UUU	Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming	No	
	Units, And Sulfur Recovery Units	NO	
40 CFR 63 subpart VVV	Publicly Owned Treatment Works		
40 CFR 63 subpart XXX	Ferroalloys Production: Ferromanganese And Silicomanganese	No	
40 CFR 63 subpart AAAA	Municipal Solid Waste Landfills	No	
40 CFR 63 subpart CCCC	Manufacturing Of Nutritional Yeast	No	
40 CFR 63 subpart DDDD	Plywood And Composite Wood Products	No	
40 CFR 63 subpart EEEE	Organic Liquids Distribution (Non-Gasoline)	No	
40 CFR 63 subpart FFFF	Miscellaneous Organic Chemical Manufacturing	No	
40 CFR 63 subpart GGGG	Solvent Extraction For Vegetable Oil Production	No	
40 CFR 63 subpart HHHH	Wet-Formed Fiberglass Mat Production	No	
40 CFR 63 subpart IIII	Surface Coating Of Automobiles And Light-Duty Trucks	No	
40 CFR 63 subpart JJJJ	Paper And Other Web Coating	No	
40 CFR 63 subpart KKKK	Surface Coating Of Metal Cans	No	
40 CFR 63 subpart MMMM	Surface Coating Of Miscellaneous Metal Parts And Products	No	
40 CFR 63 subpart NNNN	Surface Coating Of Large Appliances	No	
40 CFR 63 subpart OOOO	Printing, Coating, And Dyeing Of Fabrics And Other Textiles	No	
40 CFR 63 subpart PPPP	Surface Coating Of Plastic Parts And Products	No	
40 CFR 63 subpart QQQ	Surface Coating Of Wood Building Products	No	

ATTACHMENT – Applicable and Non-Applicable Federal and State Regulations

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APPLICABILITY DETERMINATION			
Citation	Regulation	Applicable	
40 CFR 63 subpart RRRR	Surface Coating Of Metal Furniture	No	
40 CFR 63 subpart SSSS	Surface Coating Of Metal Coil	No	
40 CFR 63 subpart TTTT	Leather Finishing Operations	No	
40 CFR 63 subpart UUUU	Cellulose Products Manufacturing	No	
40 CFR 63 subpart VVVV	Boat Manufacturing	No	
40 CFR 63 subpart WWWW	Reinforced Plastic Composites Production	No	
40 CFR 63 subpart XXXX	Rubber Tire Manufacturing	No	
40 CFR 63 subpart YYYY	Stationary Combustion Turbines	No	
40 CFR 63 subpart ZZZZ	Stationary Reciprocating Internal Combustion Engines	Yes	
40 CFR 63 subpart AAAAA	Lime Manufacturing Plants	No	
40 CFR 63 subpart BBBBB	Semiconductor Manufacturing	No	
40 CFR 63 subpart CCCCC	Coke Ovens: Pushing, Quenching, And Battery Stacks	No	
40 CFR 63 subpart DDDDD	Major Sources: Industrial, Commercial, And Institutional Boilers And	Voc	
	Process Heaters	165	
40 CFR 63 subpart EEEEE	Iron And Steel Foundries	No	
40 CFR 63 subpart FFFFF	Integrated Iron And Steel Manufacturing Facilities	No	
40 CFR 63 subpart GGGGG	Site Remediation	No	
40 CFR 63 subpart HHHHH	Miscellaneous Coating Manufacturing	No	
40 CFR 63 subpart IIIII	Mercury Emissions From Mercury Cell Chlor-Alkali Plants	No	
40 CFR 63 subpart JJJJJ	Brick And Structural Clay Products Manufacturing	No	
40 CFR 63 subpart KKKKK	Clay Ceramics Manufacturing	No	
40 CFR 63 subpart LLLLL	Asphalt Processing And Asphalt Roofing Manufacturing	No	
40 CFR 63 subpart MMMMM	Flexible Polyurethane Foam Fabrication Operations	No	
40 CFR 63 subpart NNNNN	Hydrochloric Acid Production	No	
40 CFR 63 subpart PPPPP	Engine Test Cells/Stands	No	
40 CFR 63 subpart QQQQQ	Friction Materials Manufacturing Facilities	No	
40 CFR 63 subpart RRRRR	Taconite Iron Ore Processing	No	
40 CFR 63 subpart SSSSS	Refractory Products Manufacturing	No	
40 CFR 63 subpart TTTTT	Primary Magnesium Refining	No	
40 CFR 63 subpart UUUUU	Coal- And Oil-Fired Electric Utility Steam Generating Units	Yes	
40 CFR 63 subpart WWWWW	Hospital Ethylene Oxide Sterilizers	No	
40 CFR 63 subpart YYYYY Area Sources: Electric Arc Furnace Steelmaking Facilities		No	
40 CFR 63 subpart ZZZZ	Iron And Steel Foundries Area Sources		
40 CFR 63 subpart BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, And Pipeline	No	
	Facilities	NO	
40 CFR 63 subpart CCCCCC	C Gasoline Dispensing Facilities		
40 CFR 63 subpart DDDDDD	Polyvinyl Chloride And Copolymers Production Area Sources	No	
40 CFR 63 subpart EEEEE	Primary Copper Smelting Area Sources	No	
40 CFR 63 subpart FFFFFF Secondary Copper Smelting Area Sources		No	

ATTACHMENT – Applicable and Non-Applicable Federal and State Regulations

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APPLICABILITY DETERMINATION			
Citation Regulation		Applicable	
40 CFR 63 subpart GGGGGG	Primary Nonferrous Metals Area SourcesZinc, Cadmium, And	No	
	Beryllium	NO	
40 CFR 63 subpart HHHHHH	Paint Stripping And Miscellaneous Surface Coating Operations At Area	No	
	Sources	NO	
40 CFR 63 subpart JJJJJJ	Industrial, Commercial, And Institutional Boilers Area Sources	No	
40 CFR 63 subpart LLLLL	Acrylic And Modacrylic Fibers Production Area Sources	No	
40 CFR 63 subpart MMMMMM	Carbon Black Production Area Sources	No	
40 CFR 63 subpart NNNNNN	Chemical Manufacturing Area Sources: Chromium Compounds	No	
40 CFR 63 subpart OOOOOO	Flexible Polyurethane Foam Production And Fabrication Area Sources	No	
40 CFR 63 subpart PPPPPP	Lead Acid Battery Manufacturing Area Sources	No	
40 CFR 63 subpart QQQQQ	Wood Preserving Area Sources	No	
40 CFR 63 subpart RRRRRR	Clay Ceramics Manufacturing Area Sources	No	
40 CFR 63 subpart SSSSSS	Glass Manufacturing Area Sources	No	
40 CFR 63 subpart TTTTT	Secondary Nonferrous Metals Processing Area Sources	No	
40 CFR 63 subpart VVVVV	Chemical Manufacturing Area Sources	No	
40 CFR 63 subpart WWWWWW	Area Source Standards For Plating And Polishing Operations	No	
40 CFR 63 subpart XXXXXX	Area Source Standards For Nine Metal Fabrication And Finishing	No	
	Source Categories	NO	
40 CFR 63 subpart YYYYY	Area Sources: Ferroalloys Production Facilities	No	
40 CFR 63 subpart ZZZZZ	Area Source Standards For Aluminum, Copper, And Other Nonferrous	No	
	Foundries	NO	
40 CFR 63 subpart AAAAAAA	Area Sources: Asphalt Processing And Asphalt Roofing Manufacturing	No	
40 CFR 63 subpart BBBBBBB	Area Sources: Chemical Preparations Industry	No	
40 CFR 63 subpart CCCCCC	Area Sources: Paints And Allied Products Manufacturing	No	
40 CFR 63 subpart DDDDDDD	Area Sources: Prepared Feeds Manufacturing	No	
40 CFR 63 subpart EEEEEE	Gold Mine Ore Processing And Production Area Source Category	No	
40 CFR 63 subpart HHHHHH	Polyvinyl Chloride And Copolymers Production	No	
40 CFR 64	Compliance Assurance Monitoring	Yes	
40 CFR 68	Risk Management Programs Under Section 112(r)	Yes	
40 CFR 70	State Operating Permit Programs	Yes	
40 CFR 72	Permits Regulation (Acid Rain Program)	Yes	
40 CFR 82	Protection of Stratospheric Ozone	Yes	
40 CFR 97	Federal NO _x Budget Trading Program, CAIR NO _x and SO ₂ Trading		
	Programs, CSAPR NO _x and SO ₂ Trading Program, and Texas SO ₂	Yes	
	Trading Program		

Attachment - Title IV - Acid Rain Program State of South Carolina Acid Rain Permit

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Issued to: Operated by: ORIS code: Permit No.: Issue Date: Effective Date: Expiration Date: Cope Station Dominion Energy South Carolina, Inc. 7210 1860-0044 May 24, 2022 July 1, 2022 June 30, 2027

RECORD OF REVISIONS		
Revision Date	Type (AA, MM, SM)	Description of Change
AA	Administrative Amendment	
MM	Minor Modification	

SM Significant Modification

Acid Rain Permit Contents:

- Permit Revisions
- Statement of Basis
- 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.
- SO₂ Allowance Allocation and NO_X Requirements for Each Affected Unit.

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.

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.

SO₂ Allowance Allocations and NO_X Requirements for Each Affected Unit:

Attachment - Title IV - Acid Rain Program State of South Carolina Acid Rain Permit

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SO₂ Allowance Allocations* (Under Table 2 of 40 CFR Part 73)

Emission Unit ID	Equipment ID	2000 - 2009	2010 and Beyond	Additional Requirements
01	UB1/COP1		2620 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)

NO_x Emission Limitations (On an Annual Average Basis)

Emission Unit ID	Equipment ID	lb/10 ⁶ Btu of Heat Input	Additional Requirements
01	UB1/COP1	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.