

February 6, 2012

Sharon Ledford
Spartanburg Regional Medical Center
101 East Wood Street
Spartanburg, SC 29303

Re: Modification to Attachment A for the General Conditional Major Operating Permit for Fuel Combustion Operations No. GCM-2060-0142

Dear Ms. Ledford:

Enclosed is Attachment A to GCM-2060-0142. This modified permit has the same expiration date as the previous General Conditional Major Operating Permit and will remain valid through March 31, 2021. This modified permit is being issued to incorporate changes into your existing Permit as described in the enclosed Record of Revisions.

Please be advised that this facility's periodic reporting period is not affected by this modification. In addition, there have been no changes to the General Conditional Major for Fuel Combustion Operations. It has not been included and you should retain the copy you were previously issued.

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Alyson M. Hayes of my staff, via e-mail at hayesam@dhec.sc.gov, or call 803-898-3836 immediately.

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

Sincerely,



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

EJB:cpb:kal
Enclosure

cc: Johnny Hall, Region 2 Spartanburg EQC Office
Permit File: 2060-0142

ATTACHMENT A

Facility Information

Spartanburg Regional Medical Center

GCM-2060-0142

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D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Device	Fuels Used	Installation Date	Modification Date	Emission Point ID
Boiler #1 VOID	12.55 million BTU/hr Boiler NSPS A and Dc	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur content)	1998	None	B1
Boiler #2	20.92 million BTU/hr Boiler NSPS A and Dc	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur content)	1998	None	B2
Boiler #3	33.48 million BTU/hr Boiler NSPS A and Dc	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur content)	1998	None	B3
Boiler #4	33.48 million BTU/hr Boiler NSPS A and Dc	None	Natural Gas No. 2 Fuel Oil (≤0.5% sulfur content)	1998	None	B4
ETOS1- ETOS4	Four ethylene oxide sterilizers (Model SXL), 5 cubic feet volume (each), maximum of 584 cycle/year (total)	None	None	#1-3 (10-30- 91), #4 (9-20- 93)	None	ETOS1-4
B1a	11.824 million BTU/hr Fired Boiler equipped with Low NO _x burner (NSPS A and Dc)	None	Natural Gas	2011	None	B1a
B1b	11.824 million BTU/hr Fired Boiler equipped with Low NO _x burner (NSPS A and Dc)	None	Natural Gas	2011	None	B1b

F - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
EX- Emergency Generator	4-750 KW Caterpillar Generators- Compression Ignition Internal Combustion	1-26-96	None	SC Regulation 61-62.1, Section II(B)(2)(f)
EX- Emergency Generator	1-1500 KW Cummins Generator- Compression Ignition Internal Combustion	05-08	None	SC Regulation 61-62.1, Section II(B)(2)(f)

ATTACHMENT A

Facility Information

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F - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
EX-Electric Boiler	Electric Boiler	06-08	None	SC Regulation 61-62.1, Section II(B)(2)(h)

G - CONDITIONS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
G.1	Facility Wide	SO ₂ NO _x	Spartanburg Regional Medical Center (2060-0142) and Spartanburg Hospital for Restorative Care (2060-0128) are considered to be co-located. Combined emissions from both Spartanburg Regional Medical Center and Spartanburg for Restorative Care facilities shall be used to determine compliance with the facility wide emission limits established under the General Conditional Major Operating Permit for Fuel Combustion Operations.
G.2	Facility Wide	SO ₂	<p>Limits/Standards: In accordance with SC Regulation 62.1, Section II(H) and SC Regulation 62.1, Section II(G) the SO₂ emissions limitation is less than 86.32 TPY.</p> <p>State Only: No</p> <p>Testing: Not required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain fuel usage records and any other records necessary to determine facility wide SO₂ emissions. SO₂ emissions shall be calculated on a monthly basis, and a twelve month rolling sum shall be calculated for total SO₂ emissions. Reports of the calculated values and the twelve-month rolling sum shall be submitted semiannually.</p>

ATTACHMENT B

Modeled Emission Rates

**Spartanburg Regional Medical Center
GCM-2060-0142
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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2					
Emission Point ID	Modeled Emission Rates (lbs/hr)*				
	PM	PM₁₀	SO₂	NO_x	CO
SHRC B-1-Boiler 1	0.0730	0.0520	1.5619	0.4399	0.1100
SHRC B-2 Boiler 2	0.0730	0.0520	1.5619	0.4399	0.1100
SRMCB1	0.1852	0.2062	0.1852	0.1852	1.0542
SRMCB2	0.03087	0.3437	4.7627	2.4938	1.7572
SRMCB3	0.4941	0.5500	7.6221	3.9911	2.8123
SRMCB4	0.4941	0.5500	7.6221	3.9911	2.8123
Generators-4 (750 KW)	0.814	0.814	9.996	0.904	8.413

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7			
Emission Point ID	Modeled Emission Rates (lbs/hr)*		
	PM₁₀	SO₂	NO_x
SHRC B-1-Boiler 1	0.0520	---	0.4399
SHRC B-2 Boiler 2	0.0520	---	0.4399
SRMCB1	0.2062	---	0.1852
SRMCB2	0.3437	---	2.4938
SRMCB3	0.5500	---	3.9911
SRMCB4	0.5500	---	3.9911
Generators-4 (750 KW)	0.814	---	0.904

TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8	
Emission Point ID	Modeled Emission Rates (lbs/hr) *
	Ethylene Oxide 75-21-8
ETOS1-Sterilizers 1-4	0.073

*For Collocated Spartanburg Regional Medical Center (2060-0142) and Spartanburg for Restorative Care (2060-0128)