

BOARD:
Allen Amsler
Chairman
Mark S. Lutz
Vice Chairman



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

BOARD:
R. Kenyon Wells
L. Clarence Batts, Jr.
Ann B. Kirolo, DDS
John O. Hutto, Sr., MD

December 6, 2012

Mr. Dean Kearney
Saint Francis Health System
One St. Francis Drive
Greenville, SC 29601

Re: Coverage to Operate Under the Terms and Conditions of the General Conditional Major Operating Permit for Fuel Combustion Operations

Dear Mr. Kearney:

Enclosed is the General Conditional Major Operating Permit for Fuel Combustion Operations that became effective on April 01, 2011. The federally enforceable emissions limitations and operational requirements contained within this General Conditional Major Operating Permit are designed to restrict this facility's potential to emit to below major source thresholds. This renewed General Conditional Major Operating Permit will be valid through March 31, 2021. Your facility's coverage under the terms and conditions of this permit shall be effective on December 6, 2012.

Please be advised that a new periodic reporting period begins upon the effective date of this renewed permit. Abbreviated periodic reports shall be completed and submitted in accordance with the previous permit's conditions and shall cover the interim period between the previous permit reporting period and the renewed permit reporting period. Reports required under the terms and conditions of this renewed Conditional Major Operating Permit must be completed and submitted in a timely manner in accordance with the periodic reporting schedule found in Part 4.B of this permit. The Department has developed an Excel spreadsheet that may help you in maintaining "Fuel Usage Records for General Conditional Major Operating Permit Reporting," which can be found at the following web site address:

http://www.scdhec.gov/environment/baq/docs/permitting/GPermitApps/Fuel_Record_Reporting_Worksheet.xls

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 Charles P. Beam, P.E. of my staff, via e-mail at beamcp@dhec.sc.gov, or call 803-898-9524 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: Conditional Major File: 1200-0139
ec: Bill Williamson, Region 2, Greenville EQC Office

Notice of Appeal Procedure
Pursuant to S.C. Code Section 44-1-60

1. This decision of the S.C. Department of Health and Environmental Control (Department) becomes the final agency decision 15 calendar days after notice of the decision has been mailed or otherwise sent to the applicant, permittee, licensee and affected persons who have requested in writing to be notified, unless a written request for final review accompanied by a filing fee in the amount of \$100 is filed with the Department by the applicant, permittee, licensee, or affected person.
2. An applicant, permittee, licensee, or affected person who wishes to appeal this decision must file a timely written request for final review with the Clerk of the Board at the following address or by facsimile at 803-898-3393. A filing fee in the amount of \$100 made payable to SC DHEC must also be received by the Clerk within the time allowed for filing a request for final review. However, if a request for final review is filed by facsimile, the filing fee may be mailed to the Clerk of the Board if the envelope is postmarked within the time allowed for filing a request for final review.

Clerk of the Board
SC DHEC
2600 Bull Street
Columbia, SC 29201

3. In order to be timely, a request for final review must be received by the Clerk of the Board within 15 calendar days after notice of the decision has been mailed or otherwise sent to persons entitled to receive notice. If the 15th day occurs on a weekend or State holiday, the request is due to be received by the Clerk of the Board on the next working day. The request for final review must be received by the Clerk of the Board by 5:00 p.m. on the date it is due. A request for final review will be returned to the requestor if the filing fee is not received on time as described above.
4. The request for final review should include the following:
 - a. the grounds on which the Department's decision is challenged and the specific changes sought in the decision
 - b. a statement of any significant issues or factors the Board should consider in deciding whether to conduct a final review conference
 - c. a copy of the Department's decision for which review is requested
5. If a timely request for final review is filed with the Clerk of the Board, the Clerk will provide additional information regarding procedures. If the Board declines in writing to schedule a final review conference, the Department's decision becomes the final agency decision and an applicant, permittee, licensee, or affected person may request a contested case hearing before the Administrative Law Court within 30 calendar days after notice is mailed that the Board declined to hold a final review conference.

The above information is provided as a courtesy; parties are responsible for complying with all applicable legal requirements.

ATTACHMENT A

Facility Information

St. Francis Health System

GCM-1200-0139

Page 2 of 3

D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Devices	Fuels Used	Installation Date	Modification Date	Emission Point ID
03	Boiler No. 3: 16.74 x 10 ⁶ BTU/hr Kewanee Model H25400-G05	N/A	Natural Gas / No. 2 Fuel Oil (max. 1.4% sulfur by wt.)	1971	N/A	B3
05	Boiler No. 4: 16.74 x 10 ⁶ BTU/hr Superior Model 2000 Mohican	N/A	Natural Gas / No. 2 Fuel Oil (max. 0.5% sulfur by wt.)	2009	N/A	B4
06	Boiler No. 5: 16.74 x 10 ⁶ BTU/hr Superior Model 7-X- 2000-S150-M Mohican	N/A	Natural Gas / No. 2 Fuel Oil (max. 0.5% sulfur by wt.)	2009	N/A	B5

E - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
A	Histology Lab and GI	Pre-1984	1984	SC Regulation 61-62.1 Section II(B)(2)(h)
B	Three (3) 800 kW emergency generators and one (1) 750 kW emergency generator	2005 (800 kW) 2001 (750 kW)	N/A	SC Regulation 61-62.1 Section II(B)(2)(f)(ii)
C	One (1) 300 kW emergency generator	1979	N/A	SC Regulation 61-62.1 Section II(B)(2)(f)(ii)
E	94 HP fire pump	2008	N/A	SC Regulation 61-62.1 Section II(B)(2)(f)(ii)
F	Radiation Imaging Device	2006	N/A	SC Regulation 61-62.1 Section II(B)(2)(h)
G	20,000 gallon storage tank (No. 2 fuel oil)	1999	N/A	SC Regulation 61-62.1 Section II(B)(2)(h)

F - CONDITIONS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
F.1	03,05,06	SO ₂	<p>Limits/Standards: (SC Regulation 61-62.5, Standard No. 2) Only one (1) boiler will be operated at any given time while burning No. 2 fuel oil in order to comply with SC Regulation 61-62.5, Standard No. 2.</p> <p>State Only: Yes</p> <p>Testing: None Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator must record daily operating hours for each boiler separately and calculate annual operating hours</p>

ATTACHMENT A

Facility Information

St. Francis Health System

GCM-1200-0139

Page 3 of 3

F - CONDITIONS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
			on a twelve-month rolling sum separately while burning No. 2 fuel oil. Records of operating hours shall be maintained on site for a period of five (5) years and shall be made available to a Department representative upon request. Reports of the operating hours shall be submitted quarterly.
F.2	03,05,06	40 CFR 63 NESHAP Subpart JJJJJ	<p>Limits/Standards: These boilers are permitted to burn natural gas and No. 2 fuel oil. However, in accordance with 40 CFR 63.11195(e), if the gas-fired boiler, as defined in 40 CFR 63.11237, burns natural gas as primary fuel and burns No. 2 fuel oil only during natural gas curtailment, gas supply emergency, or periodic testing on liquid fuel (not to exceed a combined total of 48 hours during any calendar year), the source is not subject to 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subparts A and JJJJJ – Industrial, Commercial, and Institutional Boilers Area Sources. If the gas fired boiler uses fuel oil outside of natural gas curtailment, gas supply emergency, or during periodic testing on liquid fuel as defined in 40 CFR 63.11237, the boiler will be subject to Subpart JJJJJ.</p> <p>State Only: No</p> <p>Testing: Not required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall record and maintain records of the amounts of fuel combusted by each boiler. The amount of fuel combusted shall be recorded monthly.</p>

ATTACHMENT B

Modeled Emission Rates

St. Francis Health System

GCM-1200-0139

Page 1 OF 1

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 ₁₀	PM _{2.5}	SO ₂	NO _x
Stack B3	0.275	---	23.77	2.39
Stack B4	0.24	---	8.79	2.44

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	CO	Lead	HF	NO ₂
Stack B3	1.34	---	---	---
Stack B4	0.62	---	---	---

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	PM _{2.5}	PM ₁₀	SO ₂	NO _x
Stack B4	---	0.24	8.79	2.44