

November 28, 2011

Jim Seay
Lockhart Power City West Diesel Generating Facility
198 Times Boulevard
Union, SC 29379

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

Dear Mr. Seay:

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 January 1, 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 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:amh:kal

Enclosure

cc: Johnny Hall, Region 2, Spartanburg EQC Office
Permit File: 2180-0033

ATTACHMENT A

Facility Information

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D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Control Devices	Fuels Used	Installation Date	Modification Date	Emission Point ID
EG1	Electric Generator No. 1, S/N 8NN01191, Caterpillar Model No. 3516, rated at 1,825 kWe, driven by a 4-stroke lean-burn compression-ignition reciprocating internal combustion engine, S/N 1HZ02879, rated at 2,800 HP, ESO No. BFFMN	None	Distillate fuel oil (maximum 0.05% sulfur content by weight)	2004	None	S1
EG2	Electric Generator No. 2, S/N 8NN01187, Caterpillar Model No. 3516, rated at 1,825 kWe, driven by a 4-stroke lean-burn compression-ignition reciprocating internal combustion engine, S/N 1HZ02828, rated at 2,800 HP, ESO No. BFFMH	None	Distillate fuel oil (maximum 0.05% sulfur content by weight),	2004	None	S1
EG3	Electric Generator No. 3, S/N 8NN01190, Caterpillar Model No. 3516, rated at 1,825 kWe, driven by a 4-stroke lean-burn compression-ignition reciprocating internal combustion engine, S/N 1HZ02882, rated at 2,800 HP, ESO No. BFFMK	None	Distillate fuel oil (maximum 0.05% sulfur content by weight),	2004	None	S1
EG4	Electric Generator No. 4, S/N 8NN01192, Caterpillar Model No. 3516, rated at 1,825 kWe, driven by a 4-stroke lean-burn compression-ignition reciprocating internal combustion engine, S/N 1HZ02885, rated at 2,800 HP, ESO No. BFFMP	None	Distillate fuel oil (maximum 0.05% sulfur content by weight),	2004	None	S1

ATTACHMENT A

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E - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Modification Date	Basis
ST1	15,000 gallon distillate fuel oil storage tank	13 May 2004	None	SC Regulation 61-62.1, Section II(B)(2)(h)
ST2	15,000 gallon distillate fuel oil storage tank	13 May 2004	None	SC Regulation 61-62.1, Section II(B)(2)(h)

F - CONDITIONS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
F.1	EG1 EG2 EG3 EG4	SO ₂	In accordance with SC Regulation 61-62.72, Section 72.7(a)(3), peak shaving generators are permitted to burn only No. 2 fuel oil with an annual average sulfur content of 0.05 percent or less by weight. The annual average sulfur content, as a percentage by weight, shall be calculated using the equation in SC Regulation 61-62.72, Section 72.7(d)(2). Records of the calculations shall be maintained onsite and shall be made available upon request.

ATTACHMENT B

Modeled Emission Rates

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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	PM ₁₀	SO ₂	NO _x	CO
Stack No. 1 (Four identical engines)	6.44	6.44	3.44	210.76	3.88