BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20060001
Agency Interest No. 121572

Frank Ledoux
Engineering and Power Production Manager
Lafayette Utilities System
P.O. Box 4017-C
Lafayette, LA 70502

RE: Part 70 Operating Permit Significant Modification, Lafayette Utilities System - Hargis-Hebert Electric Generating Station, Lafayette Consolidated Government, Lafayette, Lafayette Parish, Louisiana

Dear Mr. Ledoux:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ___ of _____, 2013, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 1520-00131-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:bsc
c: EPA Region VI

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafayette Consolidated Government - Hargis-Hebert Electric Generating Station
Agency Interest No.: 121572
Lafayette Utilities System/Lafayette Consolidated Government
Lafayette, Lafayette Parish, Louisiana

I. Background

Hargis-Hebert Electric Generating Station is an existing public power plant facility. Lafayette City Parish Consolidated Government owns Hargis-Hebert Electric Generating Station and is operated by Lafayette Utilities System. Hargis-Hebert Electric Generating Station currently operates under Permit No. 1520-00131-V0, issued September 7, 2004.

This is a significant modification to the Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Lafayette Utilities System/Lafayette Consolidated Government on May 1, 2006, requesting a modification to the Part 70 operating permit. Additional information dated May 29, 2007 was also received.

III. Description

Lafayette Utilities System (LUS) operates the Hargis-Hebert Electric Generating Station in Lafayette Parish. The station has a nominal output of 100 megawatts and is used to meet peak electricity demand. The facility consists of two natural gas fired combustion turbines and generator sets, two cooling towers, two inlet air chillers, water storage tanks, and a control building. An emergency start-up diesel generator is available in the event of the loss of power from the transmission grid.

The modifications at the Hargis-Hebert Electric Generating Station include the following:

- Update and clarify requirements regarding 40 CFR 60 Subpart GG.
- Update insignificant activities.
- Remove the startup/shut down emissions as General Condition XVII activities and include them as part of the permitted annual emissions total.

Lafayette Utilities System/Lafayette Consolidated Government is also requesting an initial Clean Air Interstate Rule (CAIR) permit and an Acid Rain Permit Renewal.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafayette Consolidated Government - Hargis-Hebert Electric Generating Station
Agency Interest No.: 121572
Lafayette Utilities System/Lafayette Consolidated Government
Lafayette, Lafayette Parish, Louisiana

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	16.80	16.80	-
SO_2	7.42	8.25	+0.83
NO_X	241.37	241.37	-
CO	241.48	239.11	−2.37
VOC	27.32	27.32	-

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Polluant	Emissions (TPY)*
1,3-Butadiene	0.001
Acetaldehyde	0.110
Acrolein	0.018
Benzene	0.030
Ethylbenzene	0.090
Formaldehyde	2.030
Naphthalene	0.004
Toluene	0.370
Xylene	0.180
Propylene Oxide	0.006
PAH	0.080
Total	2.919

*TAPs estimated emissions are calculated based on total annual fuel combustion of 5,712,000 MMBtu/yr.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafayette Consolidated Government - Hargis-Hebert Electric Generating Station
Agency Interest No.: 121572
Lafayette Utilities System/Lafayette Consolidated Government
Lafayette, Lafayette Parish, Louisiana

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations and New Source Performance Standards (NSPS). Prevention of Significant Deterioration (PSD) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

LUS was previously granted a permit shield from the performance testing requirements under 40 CFR 60.335(b) and (c)(3). LUS shall use the provisions of 40 CFR Part 75, which include an initial CEMS certification per the testing requirement methods of Appendix A, to demonstrate compliance with the standard for NOx.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

The facility is subject to 40 CFR Part 60 Subpart GG.

On July 11, 2008, the United States Court of Appeals for the District of Columbia Circuit (the Court) vacated and remanded EPA's CAIR rule (State of North Carolina V. EPA (No. 05-1244)); however, the Court has not yet issued a mandate to make its decision effective. In the event the decision becomes effective, no source covered by this permit shall be subject to the requirements of LAC 33:III.506 and 40 CFR 97. If the court decision becomes effective, the CAIR permit will be terminated and any specific conditions in the Title V permit implementing CAIR will be null and void and removed in the next permit modification.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafayette Consolidated Government - Hargis-Hebert Electric Generating Station
Agency Interest No.: 121572
Lafayette Utilities System/Lafayette Consolidated Government
Lafayette, Lafayette Parish, Louisiana

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on **<date>**, 2008; and in the <local paper>, <local town>, on **<date>**, 2008. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on **<date>**. The draft permit was also submitted to US EPA Region VI on **<date>**. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

None

IX. Insignificant Activities

ID No.:	Description	Citation
CT-1	Unit 1 Cooling Tower	LAC 33:III.501.B.5.D
CT-2	Unit 2 Cooling Tower	LAC 33:III.501.B.5.D
EG-1	Blackstart Generator with a diesel storage tank <200 gallons	LAC 33:III.501.B.5.B.32 and LAC 33:III.501.B.5.A.3
MG-1	Mobile Emergency Generator with a diesel storage tank <200 gallons	LAC 33:III.501.B.5.B.32 and LAC 33:III.501.B.5.A.3
FG-1	Unit 1 Fuel gas Heater 1.6 MMBtu/hr	LAC 33:III.501.B.5.A.1
FG-2	Unit 2 Fuel gas Heater 1.6 MMBtu/hr	LAC 33:III.501.B.5.A.1

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafayette Consolidated Government - Hargis-Hebert Generating Station
Agency Interest No.: 121572
Lafayette Utilities System/Lafayette Consolidated Government
Lafayette, Lafayette Parish, Louisiana

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter															
		5▲	9	11	13	15	2103	2104	2107	2111	2115	2116	2113	22	51*	56	59
UNF1	Hargis-Hebert Electric Generating	1	1										1			1	
EQT 1	U-1 LM6000 Combustion Turbine	1		1	1	1									3		
EQT 2	U-2 LM 6000 Combustion Turbine	1		1	1	1									3		

* The regulations indicated above are State Only regulations.
▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LDEQ-EDMS Document 38222962, Page 9 of 138

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafayette Consolidated Government - Hargis-Hebert Generating Station
Agency Interest No.: 121572
Lafayette Utilities System/Lafayette Consolidated Government
Lafayette, Lafayette Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS									40 CFR 61			40 CFR					40 CFR	
		A	K	64	64	Db	Dc	GG	KKK	IIII	A	J	V	72	73	75	77	78	64	68
UNF1	Hargis-Hebert Electric Generating																		3	
EQT 1	U-1 LM6000 Combustion Turbine	1						1						1	1	1	2	2		
EQT 2	U-2 LM6000 Combustion Turbine	1						1						1	1	1	2	2		

KEY TO MATRIX

1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Lafayette Consolidated Government - Hargis-Hebert Generating Station
Agency Interest No.: 121572
Lafayette Utilities System/Lafayette Consolidated Government
Lafayette, Lafayette Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 1 and EQT 2 U-1 LM6000 Combustion Turbine	LAC 33:III.Chapter 51	DOES NOT APPLY. Facility is not a major source of Toxic Air Pollutants.
UNF1 Hargis-Hebert Electric Generating Station	40 CFR 64 Compliance Assurance Monitoring	DOES NOT APPLY. The unit does not use a control device to achieve compliance.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]

B. The conditions of this permit are severable; and if any provision of this permit or the 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. [Reference 40 CFR 70.6(a)(5)]

C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee 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. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]

D. It shall not be a defense for a permittee 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. [Reference 40 CFR 70.6(a)(6)(ii)]

E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]

F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority 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 permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]

G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:

1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];

3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

1. the date, place as defined in the permit, and time of sampling or measurements;
2. the date(s) analyses were performed;
3. the company or entity that performed the analyses;
4. the analytical techniques or methods used;
5. the results of such analyses; and
6. the operating conditions as existing at the time of sampling or measurement.

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]

P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]

Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:

1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;

2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;

3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

40 CFR PART 70 GENERAL CONDITIONS

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

5. changes in emissions would not qualify as a significant modification; and

6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).

1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

   a. Report by June 30 to cover January through March
   b. Report by September 30 to cover April through June
   c. Report by December 31 to cover July through September
   d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

40 CFR PART 70 GENERAL CONDITIONS

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;

3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;

4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);

5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and

6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated May 1, 2006, along with supplemental information dated May 29, 2007.

IV. This permit shall become invalid, for the sources not constructed, if:

A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;

B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.

A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:

1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

D. Each report submitted in accordance with this condition shall contain the following information:

1. Description of noncomplying emission(s);
2. Cause of noncompliance;
3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;

B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;

C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and

D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of the permit may be appealed to the secretary in writing pursuant to La. R.S. 30:2024(A) within 30 days from notice of the permit action. A request may be made to the secretary to suspend those provisions of the permit specifically appealed. The permit remains in effect to the extent that the secretary or assistant secretary does not elect to suspend the appealed provisions as requested or, at his discretion, other permit provisions as well. Construction cannot proceed, except as specifically approved by the secretary or

assistant secretary, until a final decision has been rendered on the appeal. A request for hearing must be sent to the Office of the Secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 121572 Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

Also Known As:

ID	Name	User Group	Start Date
	Lafayette Utilities System	Air Permitting	04-26-2004
1520-00131	Lafayette Utilities System - South Generating Station	CDS Number	04-26-2004
1520-0131	Lafayette Consolidated Government - Hargis-Hebert Generating Station	Emission Inventory	01-01-2004
LAR10D028	LPDES #	LPDES Permit #	06-14-2005
	South Generating Station	Multimedia	05-05-2005

Physical Location: 300 Beau Pre Rd
Lafayette, LA 70508

Main Phone: 3372915838

Mailing Address: PO Box 4017-C
Lafayette, LA 705024017

Location of Front Gate: 30° 10' 14" latitude, 91° 59' 33" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD27

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Richard Cleveland	208 Renaud Dr Lafayette, LA 70507		Employed by
Richard Cleveland	208 Renaud Dr Lafayette, LA 70507		Water Permit Contact For
Frank Ledoux	PO Box 4017-C (720) Lafayette, LA 705024017	3372915838 (WP)	Responsible Official for
Frank Ledoux	PO Box 4017-C (720) Lafayette, LA 705024017	FLEDOUX@LUS.OF	Air Permit Contact For
Frank Ledoux	PO Box 4017-C (720) Lafayette, LA 705024017	FLEDOUX@LUS.OF	Emission Inventory Contact for
Frank Ledoux	PO Box 4017-C (720) Lafayette, LA 705024017	3372915838 (WP)	Emission Inventory Contact for
Frank Ledoux	PO Box 4017-C (720) Lafayette, LA 705024017	3372915838 (WP)	Air Permit Contact For
Frank Ledoux	PO Box 4017-C (720) Lafayette, LA 705024017	FLEDOUX@LUS.OF	Responsible Official for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Lafayette City Parish Consolidated Government	1515 East University Ave Lafayette, LA 70501	318 261-8575 (WP)	Owns
Lafayette Utilities System/Lafayette Consolidated Government	PO Box 4017 C Lafayette, LA 70502	3182915935 (WP)	Operates
Lafayette Utilities System/Lafayette Consolidated Government	PO Box 4017 C Lafayette, LA 70502	3182915935 (WP)	Air Billing Party for
The Industrial Co	208 Renaud Dr Lafayette, LA 70507		Provides environmental services for
The Industrial Co	208 Renaud Dr Lafayette, LA 70507		Employed by
The Industrial Co	208 Renaud Dr Lafayette, LA 70507		Supplies Material to

General Information

AI ID: 121572 Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0775 or email your changes to facupdate@la.gov.

LDEQ-EDMS Document 38222962, Page 23 of 138

INVENTORIES

AI ID: 121572 - Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Hargis-Hebert Electric Generating Station						
EQT0001	U-1 - LM6000 Gas-fired Combustion Turbine		510 MM BTU/hr	417 MM BTU/hr	Rated at 50 MW	8760 hr/yr (All Year)
EQT0003	U-2 - LM6000 Gas-fired Combustion Turbine		510 MM BTU/hr	417 MM BTU/hr	Rated at 50 MW	8760 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Hargis-Hebert Electric Generating Station							
EQT0001	U-1 - LM6000 Gas-fired Combustion Turbine	84.01	598909	12.3		60	771
EQT0003	U-2 - LM6000 Gas-fired Combustion Turbine	84.01	598909	12.3		60	771

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
CRG0001	Common Requirements Group	Turbine Requirements - Combustion Turbine Requirements
GRP0001	Equipment Group	Turbine CAP - Combustion Turbine CAP
UNF0001	Unit or Facility Wide	Entire Facility - Hargis-Hebert Electric Generating Station

Group Membership:

ID	Description	Member of Groups
EQT0001	U-1 - LM6000 Gas-fired Combustion Turbine	CRG0000000001, GRP0000000001
EQT0003	U-2 - LM6000 Gas-fired Combustion Turbine	CRG0000000001, GRP0000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1420	C) Electric Power Gen. (Natural Gas Fired) (Rated Capacity)	101	MW

SIC Codes:

4911	Electric services	AI121572
4911	Electric services	UNF001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 121572 - Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0001 U-1	1,3-Butadiene		< 0.001	
	Acetaldehyde		0.026	
	Acrolein		0.004	
	Benzene		0.008	
	Ethyl benzene		0.021	
	Formaldehyde		0.463	
	Naphthalene		0.001	
	Polynuclear Aromatic Hydrocarbons		0.001	
	Propylene oxide		0.019	
	Toluene		0.085	
	Xylene (mixed isomers)		0.042	
EQT 0003 U-2	1,3-Butadiene		< 0.001	
	Acetaldehyde		0.026	
	Acrolein		0.004	
	Benzene		0.008	
	Ethyl benzene		0.021	
	Formaldehyde		0.463	
	Naphthalene		0.001	
	Polynuclear Aromatic Hydrocarbons		0.001	
	Propylene oxide		0.019	
	Toluene		0.085	
	Xylene (mixed isomers)		0.042	
GRP 0001 Turbine CAP	1,3-Butadiene	< 0.001		0.001
	Acetaldehyde	0.026		0.114
	Acrolein	0.004		0.018
	Benzene	0.008		0.034
	Ethyl benzene	0.021		0.091
	Formaldehyde	0.463		2.027
	Naphthalene	0.001		0.003
	Polynuclear Aromatic Hydrocarbons	0.001		0.006
	Propylene oxide	0.019		0.083
	Toluene	0.085		0.371
	Xylene (mixed isomers)	0.042		0.183
UNF 0001 Entire Facility	1,3-Butadiene			0.001

TPOR0146

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 121572 - Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001 Entire Facility	Acetaldehyde			0.114
	Acrolein			0.018
	Benzene			0.034
	Ethyl benzene			0.091
	Formaldehyde			2.027
	Naphthalene			0.004
	Polynuclear Aromatic Hydrocarbons			0.006
	Propylene oxide			0.083
	Toluene			0.371
	Xylene (mixed isomers)			0.183

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

LDEQ-EDMS Document 38222962, Page 26 of 138

SPECIFIC REQUIREMENTS

AI ID: 121572 - Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

GRP0001 Combustion Turbine CAP

Group Members: EQT0001 EQT0003

1	[LAC 33:III.501.C.6]	Equipment/operational data from existing monitors, applicable for the determination of cumulative NOx emissions from each turbine, shall be continuously monitored according to applicable CEMS standards by technically sound methodology. These records shall be maintained on site for a minimum of three years and made available, upon request, for inspection by DEQ personnel.
2	[LAC 33:III.501.C.6]	Equipment/operational data from existing monitors, applicable for the determination of cumulative NOx emissions from each turbine, shall be kept electronically or by hard copy on a monthly basis. These records shall be made available, upon request, for inspection by DEQ personnel.
3	[LAC 33:III.501.C.6]	Existing CEMS shall be used to continuously monitor the emissions of nitrogen oxides for each turbine. Noncompliance with the combined turbine emission limitation of 241.37 tons per year (12-month rolling total) is a reportable violation of the permit. If the insignificant activity Blackstart generator and its alternate mobile backup generator exceed a combined 500 hours of operations simultaneously with an exceedance of the turbine limitation, then include that actual hours of operation and asociated NOx emissions in any notification. Notify the Office of Environmental Compliance, Enforcement Division if the NOx emissions exceed the maximum listed in this Combustion Turbine CAP.

CRG0001 Combustion Turbine Requirements

Group Members: EQT0001 EQT0003

4	[40 CFR 60.333(a)]	Sulfur dioxide <= 0.015 % by volume at 15 percent oxygen and on a dry basis in gases discharged to the atmosphere. Subpart GG. [40 CFR 60.333(a)] Which Months: All Year Statistical Basis: None specified
5	[40 CFR 60.333(b)]	Fuel sulfur content <= 0.8 % by weight (8000 ppmw) for any fuel burned. Subpart GG. [40 CFR 60.333(b)] Which Months: All Year Statistical Basis: None specified
6	[40 CFR 60.334(b)]	Nitrogen oxides <= 85 ppmv (dry basis) at 15% oxygen in gases discharged to the atmosphere. This limit is based on a 4-hour rolling average with a diluent cap of 19% Oxygen per 40 CFR 60.335(b)(1). Subpart GG. [40 CFR 60.334(b), 40 CFR 60.334(j)(1)(iii)] Which Months: All Year Statistical Basis: None specified. [40 CFR 60.334(b), 40 CFR 60.334(i)(1)(iii)]
7	[40 CFR 60.334(b)]	Oxygen and Nitrogen oxides monitored by continuous emission monitor (CEM) continuously as specified in 40 CFR 60.334(b)(1) through (b)(3). Subpart GG. [40 CFR 60.334(b)] Which Months: All Year Statistical Basis: None specified
8	[40 CFR 60.334(b)]	Oxygen and Nitrogen oxides recordkeeping by continuous emission monitor (CEM) continuously as specified in 40 CFR 60.334(b)(1) through (b)(3). Subpart GG. [40 CFR 60.334(b)]
9	[40 CFR 60.334(h)(1)]	Fuel sulfur content monitored by the regulation's specified method(s) at the regulation's specified frequency, except as specified in 40 CFR 60.334(h)(3). Monitor the total sulfur content of the fuel being fired in the turbine using total sulfur methods described in 40 CFR 60.335(b)(10). Subpart GG. [40 CFR 60.334(h)(1)] Which Months: All Year Statistical Basis: None specified
10	[40 CFR 60.334(h)(3)ii]	Fuel sulfur content: Gaseous fuel sulfur content will be monitored and demonstrated pursuant to the requirements of 40 CFR Appendix D Section 2.3.1.4 (for pipeline natural gas) or 2.3.2.4 (for natural gas). Fuel used at Hargis-Hebert Electric Generating Station will be demonstrated to meet the definitions of pipeline natural gas or natural gas on 40 CFR 72.2. [EPA approved proposed alternative with Control Number 0000031.]. [40 CFR 60.334(h)(3)ii]

SPECIFIC REQUIREMENTS

AI ID: 121572 - Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

CRG0001 Combustion Turbine Requirements

11	[40 CFR 60.334(h)(3)]	The standard for sulfur dioxide emissions will be determined through fuel monitoring as described in 40 CFR 60.334. [40 CFR 60.334(h)(3)]
12	[40 CFR 60.334(j)(3)]	Submit quarterly excess emissions report for Ice Fog: Postmarked by the 30th day following the end of each calendar quarter. Report periods during which an exemption provided in 40 CFR 60.332(f) is in effect. Report the date and time the air pollution control system was deactivated, and the date and time the air pollution control system was reactivated. Subpart GG. [40 CFR 60.334(j)(3)]
13	[40 CFR 60.334(j)]	Submit excess emissions reports and monitor downtime by the 30th day following the end of each six-month period in accordance with 40 CFR 60.7(c). Report excess emissions for all periods of unit operation, including startup, shutdown and malfunction. Subpart GG. [40 CFR 60.334(j)]
14	[40 CFR 60.335(b)(7)]	LUS is granted a permit shield from the performance testing requirements under 40 CFR 60.335(b) and (c)(3). LUS shall use the provisions of 40 CFR Part 75, which include an initial CEMS certification per the testing requirement methods of Appendix A, to demonstrate compliance with the standard for NOx. A relative accuracy test audit (RATA) is required by section 6.5 of Appendix A. □ The performance test for nitrogen oxides for each turbine is required to be conducted at 30, 50, 75, and 100 percent of peak load, or at any four points in the normal operating range of the turbine (40 CFR 60.335(c)). The RATA for nitrogen oxides is required to be performed at the normal load level by section 6.5.1 of Appendix A to 40 CFR Part 75. In numerous instances, EPA has approved a waiver from the requirement to conduct performance testing for nitrogen oxides for each tubine at four load levels if a CEMS is used to continuously monitor the emissions of nitrogen oxides and the RATA test results of Part 75 are used to demonstrate compliance under NSPS GG. Testing for nitrogen oxides at four load levels is required under NSPS Subpart GG in order to determine the ratio of water to fuel needed to maintain compliance with the standard for nitrogen oxides across the entire range of turbine operation. The determination of the ratio of water to fuel is not needed if a CEMS is used to monitor compliance with the standard for nitrogen oxides throughout the operational range of the turbines. [40 CFR 60.335(b)(7)]
15	[40 CFR 60.335(b)(7)]	Nitrogen oxides: Pursuant to the requirements of the air quality permit, NOx emissions initial compliance will be demonstrated for each unit firing gas at or near base load utilizing Method 7E results measured during the Relative Accuracy Test Audit for the 40 CFR 75 CEMS certification. Therefore, initial compliance with the NOx standard will be demonstrated from the average of 9 to 12 test runs of at least 21 minutes each. [40 CFR 60.335(b)(7), 40 CFR 75]
16	[40 CFR 60.335]	Determine compliance using the test methods and procedures specified in 40 CFR 60.335(a) through (c). Subpart GG.
17	[40 CFR 72.9(a)(1)]	The designated representative shall submit a complete Acid Rain permit application (including a compliance plan) in accordance with the deadlines specified in 40 CFR 72.30 and any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit. [40 CFR 72.9(a)(1), LAC 33:III.505]
18	[40 CFR 72.9(a)(2)]	Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority, and have an Acid Rain Permit. [40 CFR 72.9(a)(2), LAC 33:III.505]
19	[40 CFR 72.9(b)]	Comply with the monitoring requirements as provided in 40 CFR 75. [40 CFR 72.9(b), LAC 33:III.505]
20	[40 CFR 72.9(c)(5)]	An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated. [40 CFR 72.9(c)(5), LAC 33:III.505]
21	[40 CFR 72.9(e)(1)]	The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR 77. [40 CFR 72.9(e)(1), LAC 33:III.505]

SPECIFIC REQUIREMENTS

AI ID: 121572 - Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

CRG0001 Combustion Turbine Requirements

22	[40 CFR 72.9(e)(1)]	The owners and operators of an affected unit that has excess emissions in any calendar year shall pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR 77, and comply with the terms of an approved offset plan, as required by 40 CFR 77. [40 CFR 72.9(e)(1), LAC 33:III.505]
23	[40 CFR 72.9(f)(1)]	Keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.□ 1.) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24, provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.□ 2.) All emissions monitoring information, in accordance with 40 CFR 75, provided that to the extent that part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.□ 3.) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.[4.) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [40 CFR 72.9(f)(1), LAC 33:III.505]
24	[40 CFR 75.10(a)(3)]	Determine CO2 emissions by using one of the options in 40 CFR 75.10(a)(3)(i), (ii), or (iii), except as provided in 40 CFR 75.13 and subpart E of 40 CFR 75. [40 CFR 75.10(a)(3)]
25	[40 CFR 75.10(b)]	The owner or operator shall ensure that each continuous emission monitoring system meets the equipment, installation, and performance specifications in appendix A to 40 CFR 75; and is maintained according to the quality assurance and quality control procedures in appendix B to 40 CFR 75; and shall record SO2 and NOx emissions in the appropriate units of measurement (i.e., lb/hr for SO2 and lb/MM Btu for NOx). [40 CFR 75.10(b)]
26	[40 CFR 75.10(c)]	The owner or operator shall determine and record the heat input rate, in units of MM Btu/hr, to each affected unit for every hour or part of an hour any fuel is combusted following the procedures in appendix F to 40 CFR 75. [40 CFR 75.10(c)]
27	[40 CFR 75.10(d)]	The owner or operator shall ensure that all continuous emission and opacity monitoring systems are in operation and monitoring unit emissions or opacity at all times that the affected unit combusts any fuel except as provided in 40 CFR 75.11(e) and during periods of calibration, quality assurance, or preventive maintenance, performed pursuant to 40 CFR 75.21 and appendix B of 40 CFR 75, periods of repair, periods of backups of data from the data acquisition and handling system, or recertification performed pursuant to 40 CFR 75.20. The owner or operator shall also ensure, subject to the aforementioned exceptions, that all continuous opacity monitoring systems are in operation and monitoring opacity during the time following combustion when fans are still operating, unless fan operation is not required to be included under any other applicable Federal or State regulation, or permit. The owner or operator shall ensure that the requirements of 40 CFR 75.10(d)(1), (2), and (3), as applicable, are met. As long as the units qualify as gas-fired, as defined in 40 CFR 72.2, COMS are not required however, pursuant to 40 CFR 75.14.(c), the installation of opacity monitors will be required if the units no longer qualify as gas-fired. [40 CFR 75.10(d)]
28	[40 CFR 75.10(f)]	The owner or operator shall ensure that each continuous emission monitoring system is capable of accurately measuring, recording, and reporting data, and shall not incur an exceedance of the full scale range, except as provided in sections 2.1.1.5, 2.1.2.5, and 2.1.4.3 of appendix A to 40 CFR 75. [40 CFR 75.10(f)]
29	[40 CFR 75.10(g)]	The owner or operator shall record and the designated representative shall report the hourly, daily, quarterly, and annual information collected under the requirements of 40 CFR 75 as specified in subparts F and G of 40 CFR 75. [40 CFR 75.10(g)]

SPECIFIC REQUIREMENTS

AI ID: 121572 - Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

CRG0001 Combustion Turbine Requirements

30	[40 CFR 75.11(d)(2)]	Measure and record SO2 emissions by providing information satisfactory to the Administrator using the applicable procedures specified in appendix D to 40 CFR 75 for estimating hourly SO2 mass emissions. [40 CFR 75.11(d)(2)]
31	[40 CFR 75.60(b)(6)]	Submit semiannual or annual hardcopy RATA report containing the information required by 75.59(a)(9) if requested by the administrative authority. 75.60(b). [40 CFR 75.60(b)(6)]
32	[40 CFR 75.60(b)]	Submit initial certification applications and recertifications according to 75.63, monitoring plans according to 75.62, electronic quarterly reports according to 75.64, and other petitions and communications per 75.66 and 75.67. [40 CFR 75.60(b)]
33	[40 CFR 75.]	Comply with the applicable provisions of Subpart C-Operation and Maintenance Requirements, Subpart D-Missing Data Substitution Procedures, Subpart F-Recordkeeping Requirements, and Subpart G-Reporting Requirements.
34	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
35	[LAC 33:III.505]	The designated representative shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 75 and Subpart I of 40 CFR 72. [LAC 33:III.505, 40 CFR 72.9(f)(2)]
36	[LAC 33:III.507.H.1.a]	Conduct a performance/emissions test: Due within five years, plus or minus 6 months, of when the previous performance test was performed, or within 180 days after the issuance of a permit renewal, whichever comes later. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of permitted maximum capacity. Test method and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack tests methods only with the prior approval of the Office of Environmental Assessment. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
37	[LAC 33:III.507.H.1.a]	Submit notification: Due at least 30 days prior to any LDEQ required stack test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the stack testing.
38	[LAC 33:III.507.H.1.a]	Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO2 / ton 100% H2SO4, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H2SO4 was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

UNF0001 Hargis-Hebert Electric Generating Station

39	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
40	[40 CFR 70.5(a)(1)(iii)]	Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

SPECIFIC REQUIREMENTS

AI ID: 121572 - Lafayette Consolidated Government - Hargis-Hebert Generating Station
Activity Number: PER20060001
Permit Number: 1520-00131-V1
Air - Title V Regular Permit Major Mod

UNF0001 Hargis-Hebert Electric Generating Station

41	[40 CFR 70.6(a)(3)(iii)(A)]	Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
42	[40 CFR 70.6(a)(3)(iii)(B)]	Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
43	[40 CFR 70.6(c)(5)(iv)]	Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
44	[LAC 33:III.1103]	Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
45	[LAC 33:III.1303.B]	Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
46	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
47	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
48	[LAC 33:III.506.A]	Permittee shall comply with LAC 33:III.506 Clean Air Interstate Rule (CAIR) requirements and all the provisions of the CAIR NOx Federal Implementation Plan (FIP) 40 CFR Part 97, Subparts AA-HH, except for 40 CFR 97.141 and 97.142. [LAC 33:III.506.A, 40 CFR 97.4]
49	[LAC 33:III.5307.B]	Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 1st of July to the Office of Environmental Services. Include the information in LAC 33:III.5307.A for the preceding calendar year.
50	[LAC 33:III.5609.A.1.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
51	[LAC 33:III.5609.A.2.b]	Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
52	[LAC 33:III.5609.A.3.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
53	[LAC 33:III.5609.A]	Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.