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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.: 7003 0500 0005 0799 6661

Activity No.: PER20080004
Agency Interest No.: 2889

Mr. Michael Perito
Vice President
Entergy Operations, Inc.
R-GSB-40
5485 US Hwy 61
St. Francisville, LA 70775

RE: Permit, Entergy Operations Inc. – River Bend Station
St. Francisville, West Feliciana Parish, Louisiana

Dear Mr. Michael Perito:

This is to inform you that the permit modification request for the above referenced facility has been approved under LAC 33:III.501. 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.

Also enclosed is a document entitled "General Information." Please be advised that this document contains a summary of facility-level information contained in LDEQ's TEMPO database 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, Permit Support Services Division, at (225) 219-0075 or email your changes to facupdate@la.gov.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

The permit number cited below and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this 28 day of July, 2009.

Permit No.: 3160-00009-04

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:cjg

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

**Entergy Operations Inc. River Bend Station
Agency Interest No.: 2889
Entergy Operations Inc.
St. Francisville, West Feliciana Parish, Louisiana**

I. BACKGROUND

Entergy Operations, Inc – River Bend Station, an existing nuclear power generating facility, began operation in 1985. The River Bend Station currently operates under Permit No. 3160-00009-03, issued August 15, 2002.

II. ORIGIN

A permit application and Emission Inventory Questionnaire (EIQ) dated December 16, 2008 were received requesting a permit modification. Additional information dated May 21, 2009 was also received.

III. DESCRIPTION

River Bend Station is a nuclear power plant that utilizes a boiling water reactor to supply steam to a turbine to produce electrical power. Onsite equipment is tested and/or operated intermittently in support of plant operations.

With this modification, Entergy proposes:

1. The addition of an Emergency Fire Water Pump Diesel Engine No. 1 (EPN 5-83), Emergency Fire Water Pump Diesel Engine No. 2 (EPN 6-83), Station Blackout Diesel Generator (EPN 17-94), Field Administration Standby Diesel Generator (EPN 19-94), Backup Air Compressor Diesel Engine No. 1 (EPN 10-90a), Weather Station Backup LPG Generator (EPN 12-90), and Diesel Fuel Oil Storage Tank (EPN 13-91) as insignificant activities.
2. To incorporate permit requirements for Portable Outage/Maintenance Diesel Engines (EPN 26-01) based on 100,000 gallons of fuel usage over a twelve-month consecutive period.
3. The deletion of SCBA Bottle Recharge Diesel Compressor (EPN 11-90), Portable Environmental LPG Standby Generator (EPN 18-94), Portable Diesel Pump A – Big Blue (EPN 27-01) and Portable Diesel Pump B – Unit 2 Water Control (EPN 28-01) from the current air permit.

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

Entergy Operations Inc. River Bend Station
Agency Interest No.: 2889
Entergy Operations Inc.
St. Francisville, West Feliciana Parish, Louisiana

Estimated emissions from this facility in tons per year are as follows:

Pollutant	Before	After	Change
PM ₁₀	6.40	5.48	- 0.92
SO ₂	19.40	5.06	- 14.34
NO _x	89.10	55.14	- 33.96
CO	23.10	16.10	- 7.00
VOC	3.90	2.53	- 1.37

IV. TYPE OF REVIEW

This permit was reviewed for compliance with 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.

This facility is a minor source of LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs). This facility is an affected area source under 40 CFR 60 Subpart IIII – NSPS for Combustion Ignition Internal Combustion Engines.

V. PUBLIC NOTICE

Public notice is not required to permit a minor source.

VI. EFFECTS ON AMBIENT AIR

Emissions associated with the proposed modification 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.

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

Entergy Operations Inc. River Bend Station
Agency Interest No.: 2889
Entergy Operations Inc.
St. Francisville, West Feliciana Parish, Louisiana

VII. GENERAL CONDITION XVII ACTIVITIES

None

VIII. INSIGNIFICANT ACTIVITIES

ID No.:	Description	Citation
5-83	Emergency Fire Water Diesel Engine (2.23 MMBTU/hr)	LAC 33:III.501.B.5.D
6-83	Emergency Fire Water Diesel Engine (2.23 MMBTU/hr)	LAC 33:III.501.B.5.D
10-90a	Backup Air Compressor Diesel Engine (2.9 MMBTU/hr)	LAC 33:III.501.B.5.D
12-90	Weather Station Backup LPG Generator (0.4 MMBTU/hr)	LAC 33:III.501.B.5.D
13-91	Diesel Fuel Oil Storage Tank (6,000 gallons)	LAC 33:III.501.B.5.A.3
17-94	Station Blackout Diesel Generator (1.12 MMBTU/hr)	LAC 33:III.501.B.5.D
19-94	Field Administrative Standby Generator (1.71 MBTU/hr)	LAC 33:III.501.B.5.D
-	Emergency Fire Diesel Pump	LAC 33:III.501.B.5.D
-	Hydrolazer Diesel Water Blaster (1.1 MMBTU/hr)	LAC 33:III.501.B.5.B.3
-	Portable Diesel Pump (150 hp)	LAC 33:III.501.B.5.D
-	Sodium Hydroxide Totes (2) (400 gallons/each)	LAC 33:III.501.B.5.A.4
-	Sulfuric Acid Tanks (2) (42,000 gallons/each)	LAC 33:III.501.B.5.B.8
-	Diesel Fuel Oil Storage Tanks (180-2750 gallons)	LAC 33:III.501.B.5.A.3
-	Lube Oil Tanks (125-514 gallons)	LAC 33:III.501.B.5.A.3
-	Laboratory Fume Hoods	LAC 33:III.501.B.5.A.6
-	Water Treatment Chemicals (400-7600 gallons)	LAC 33:III.501.B.5.B.8

General Information

AI ID: 2889 Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod

Also Known As:	ID	Name	User Group	Start Date
	3160-00009	Entergy Gulf States Inc - River Bend Nuclear Plant	CDS Number	08-05-2002
	74-0662730	Entergy Operations Inc	Federal Tax ID	02-02-2001
	LAD070664818	Entergy Operations Inc River Bend Sta	Hazardous Waste Notification	08-18-1980
	LA0042731	LPDES #	LPDES Permit #	05-22-2003
	WP0409	LWDPS #	LWDPS Permit #	06-25-2003
	6462	ORIS Code	ORIS Code	09-16-2008
	NP001	Nuclear Power Plant Focus Billing #	Radiation	07-10-2001
	LA-6234-L01	Radioactive Material License	Radiation License Number	06-18-2001
	5087	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
	G-125-2104	Site Id #	Solid Waste Facility No.	11-21-1999
	35691	Entergy Operations Inc	TEMPO Merge	06-21-2001
	73644	River Bend Station	TEMPO Merge	09-09-2001
	9514	GSU River Bend Station	TEMPO Merge	06-21-2001
	63004628	UST Facility ID (from UST legacy data)	UST FID #	10-12-2002

Physical Location: 5485 Hwy 61
St. Francisville, LA 70775

Main FAX: 2253813662
Main Phone: 2256356094

Mailing Address: 5485 Hwy 61
St. Francisville, LA 70775

Location of Front Gate: 30.7669 latitude, -91.330622 longitude, Coordinate Method: Lat.\Long. - DMS, Coordinate Datum: NAD83

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Dean Burnett	5485 Hwy 61 St. Francisville, LA 70775	2253814543 (WP)	Radiation Contact For
	Superintendent Chemistry			Air Designated Representative for
	Brad Kienlen	5485 Hwy 61 St. Francisville, LA 70775	2253814118 (WP)	Radiation Safety Officer for
	Brad Kienlen	5485 Hwy 61 St. Francisville, LA 70775	2253813662 (WF)	Radiation Safety Officer for
	Michael Perito	5485 Hwy 61 St. Francisville, LA 70775	2253814374 (WP)	Responsible Official for
	General Manager Plant Operations			Air Designated Representative for
	Senior HP/Chemical Specialist			Air Designated Representative for
	St. Environmental Specialist			Air Designated Representative for
	William Spell		2253813701 (WP)	Water Permit Contact For
	Burt St. Cyr		5043468651 (WP)	Underground Storage Tank Contact for

Related Organizations:	Name	Address	Phone (Type)	Relationship
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General Information

AI ID: 2889 Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Entergy Gulf States Inc	PO Box 2431 Baton Rouge, LA 708212431		Operates
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	Owns
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	Radiation Registration Billing Party for
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	Radiation Certification Billing Party for
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	Air Billing Party for
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	Radiation License Billing Party for
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	Nuclear Power Plant Billing Party for
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	UST Billing Party for
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	Operates
	Entergy Operations Inc	5485 Hwy 61 St. Francisville, LA 70775	5043814389 (WP)	Water Billing Party for

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 Ms. Tommie Milam, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2889 - Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT 0011	2-83 - Standby Diesel Generator Engine No. 1		36.1 MM BTU/hr			180 hr/yr
EQT 0012	3-83 - Standby Diesel Generator Engine No. 2		36.1 MM BTU/hr			180 hr/yr
EQT 0013	4-83 - High Pressure Core Spray Diesel Engine		28 MM BTU/hr			180 hr/yr
EQT 0014	7-83 - Diesel Fuel Oil Storage Tank		50000 gallons/yr			8736 hr/yr
EQT 0015	8-83 - Diesel Fuel Oil Storage Tank		50000 gallons/yr			8736 hr/yr
EQT 0016	9-83 - Diesel Fuel Oil Storage Tank		50000 gallons/yr			8736 hr/yr
EQT 0018	26-01 - Portable Outage/Maintenance Diesel Engine		100000 gallons/yr	54000 gallons/yr		930 hr/yr
EQT 0019	14-91 - Gasoline Fuel Storage Tank		6000 gallons/yr			8736 hr/yr
EQT 0020	20-83 - Mechanical Draft Cooling Tower A		141250 gallons/min			8736 hr/yr
EQT 0021	21-83 - Mechanical Draft Cooling Tower B		141250 gallons/min			8736 hr/yr
EQT 0022	22-83 - Mechanical Draft Cooling Tower C		141250 gallons/min			8736 hr/yr
EQT 0023	23-83 - Mechanical Draft Cooling Tower D		141250 gallons/min			8736 hr/yr
EQT 0024	24-83 - Service Water Cooling Tower		62490 gallons/min			8736 hr/yr
EQT 0025	25-83 - Standby Cooling Tower (Ultimate Heat Sink)		33000 gallons/min			4368 hr/yr
EQT 0026	10-09 - Air Compressor		22.69 gallons/hr	22.69 gallons/hr		250 hr/yr
EQT 0027	17-09 - Station Blackout Diesel Generator No. 2		1.9 MM BTU/hr	1.5 MM BTU/hr		250 hr/yr
EQT 0028	09-01 - EOF Emergency Generator		1950 scf/hr	1520 scf/hr		500 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Entire Facility							
EQT 0011	2-83 - Standby Diesel Generator Engine No. 1	65	31600	3.2		33.8	850
EQT 0012	3-83 - Standby Diesel Generator Engine No. 2	65	31600	3.2		33.8	850
EQT 0013	4-83 - High Pressure Core Spray Diesel Engine	48	23000	3.2		33.8	735
EQT 0019	14-91 - Gasoline Fuel Storage Tank			.02		22	
EQT 0026	10-09 - Air Compressor	327.02	2747		.14	10.8	925
EQT 0027	17-09 - Station Blackout Diesel Generator No. 2	279	1508		.09	10	905
EQT 0028	09-01 - EOF Emergency Generator	356	1050	.25	.05	5.83	1139

Relationships:

Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	- Engines
UNF 0001	Unit or Facility Wide	- Entire Facility

INVENTORIES

AI ID: 2889 - Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod

Group Membership:

ID	Description	Member of Groups
EQT 0011	2-83 - Standby Diesel Generator Engine No. 1	CRG0000000001
EQT 0012	3-83 - Standby Diesel Generator Engine No. 2	CRG0000000001
EQT 0016	26-01 - Portable Outage/Maintenance Diesel Engine	CRG0000000001
EQT 0027	17-09 - Station Blackout Diesel Generator No. 2	CRG0000000001

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
1410	1410 B) Electric Power Gen. (0.7 percent S or Less in Fuel) (Rated Capacity)	1	MW

SIC Codes:

4911	Electric services	AI 2889
4911	Electric services	UNF 001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2889 - Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Entire Facility															
EQT 0011 2-83	30.70	30.70	2.80	115.60	115.60	10.40	3.60	3.60	0.30	10.90	10.90	1.00	3.00	3.00	0.30
EQT 0012 3-83	30.70	30.70	2.80	115.60	115.60	10.40	3.60	3.60	0.30	10.90	10.90	1.00	3.00	3.00	0.30
EQT 0013 4-83	23.80	23.80	2.10	89.60	89.60	8.10	2.80	2.80	0.30	8.50	8.50	0.80	2.30	2.30	0.20
EQT 0014 7-83													0.01		0.10
EQT 0015 8-83													0.01		0.10
EQT 0016 9-83													0.01		0.10
EQT 0018 26-01	4.00	4.00	6.00	15.00	15.00	22.60	0.50	0.50	0.70	1.40	1.40	2.10	0.40	0.40	0.60
EQT 0019 14-91													0.13		0.60
EQT 0020 20-83							0.14	0.14	0.60						
EQT 0021 21-83							0.14	0.14	0.60						
EQT 0022 22-83							0.14	0.14	0.60						
EQT 0023 23-83							0.14	0.14	0.60						
EQT 0024 24-83							0.06	0.06	0.30						
EQT 0025 25-83							0.03	0.03	0.10						
EQT 0026 10-09	2.95	2.95	0.37	13.71	13.71	1.71	0.96	0.96	0.12	0.90	0.90	0.11	1.12	1.12	0.14
EQT 0027 17-09	1.43	2.95	0.18	6.65	13.71	0.83	0.47	0.96	0.06	0.44	0.90	0.05	0.54	1.12	0.07
EQT 0028 09-01	5.44	7.40	1.85	3.52	4.40	1.10	0.02	0.02	<0.01				0.05	0.06	0.02

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

SPECIFIC REQUIREMENTS

AI ID: 2889 - Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod

CRG 0001 - Engines

Group Members: EQT 0011EQT 0012EQT 0018EQT 0027

- 1 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an 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: None specified
- 2 [LAC 33:III.1311.C] Opacity \leq 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
- 3 [LAC 33:III.501.C.6] Maximum Operating Rate \leq 500 hp or \leq 720 hr semiannually. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the maximum operating rate for any diesel powered equipment exceeds the maximum listed in this specific condition.
- 4 [LAC 33:III.501.C.6] Total Combined Fuel Usage monitored by technically sound method continuously.
- 5 [LAC 33:III.501.C.6] Any engine \geq 500 hp shall maintain records of operating hours for any six consecutive month period.
- 6 [LAC 33:III.501.C.6] Total Combined Fuel Usage recordkeeping by electronic or hard copy continuously. Keep records of the total combined fuel usage for all diesel powered equipment each month, as well as the total combined fuel usage for all diesel powered equipment for the last twelve months. Make records available for inspection by DEQ personnel.
- 7 [LAC 33:III.501.C.6] Fuel usage shall not exceed 100,000 gallons for any twelve consecutive month period. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the combined fuel usage for all generators exceeds the maximum listed in this specific condition for any twelve consecutive month period.

EQT 0013 4-83 - High Pressure Core Spray Diesel Engine

- 8 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an 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: None specified
- 9 [LAC 33:III.1311.C] Opacity \leq 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

EQT 0026 10-09 - Air Compressor

- 10 [40 CFR 60.4204(b)] Comply with the emission standards for new CI engines in 40 CFR 60.4201, as applicable. Subpart IIII. [40 CFR 60.4204(b)]
- 11 [40 CFR 60.4206] Operate and maintain stationary CI ICE according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. Subpart IIII.

SPECIFIC REQUIREMENTS

AI ID: 2889 - Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod

EQT 0026 10-09 - Air Compressor

- 12 [40 CFR 60.4207(b)] Beginning October 1, 2010, use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. Subpart IIII. [40 CFR 60.4207(b)]
- 13 [40 CFR 60.4211(c)] Ensure engine is certified to the emission standards in 40 CFR 60.4204(b), or 40 CFR 60.4025(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. Install and configure according to the manufacturer's specifications. Subpart IIII. [40 CFR 60.4211(c)]
- 14 [40 CFR 60.4211(d)(2)] Submit petition to DEQ for approval of operating parameters to be monitored continuously. Include the information described in 40 CFR 60.4211(d)(2)(i) through (d)(2)(v). Subpart IIII. [40 CFR 60.4211(d)(2)]
- 15 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an 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: None specified
- 16 [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

EQT 0027 17-09 - Station Blackout Diesel Generator No. 2

- 17 [40 CFR 60.4205(b)] Comply with the emission standards for new nonroad CI engines in 40 CFR 60.4202, for all pollutants, for the same model year and maximum engine power. Subpart IIII. [40 CFR 60.4205(b)]
- 18 [40 CFR 60.4206] Operate and maintain stationary CI ICE according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. Subpart IIII.
- 19 [40 CFR 60.4207(b)] Beginning October 1, 2010, use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. Subpart IIII. [40 CFR 60.4207(b)]
- 20 [40 CFR 60.4209(a)] Operating time monitored by hour/time monitor continuously during operation. Install a non-resettable hour meter prior to startup of the engine. Subpart IIII. [40 CFR 60.4209(a)]
Which Months: All Year Statistical Basis: None specified
- 21 [40 CFR 60.4211(a)] Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, only change those settings that are permitted by the manufacturer. Also meet the requirements of 40 CFR 89, 94 and/or 1068, as applicable. Subpart IIII. [40 CFR 60.4211(a)]
- 22 [40 CFR 60.4211(c)] Ensure engine is certified to the emission standards in 40 CFR 60.4204(b), or 40 CFR 60.4025(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. Install and configure according to the manufacturer's specifications. Subpart IIII. [40 CFR 60.4211(c)]

EQT 0028 09-01 - EOF Emergency Generator

- 23 [40 CFR 60.4204(b)] Comply with the emission standards for new CI engines in 40 CFR 60.4201, as applicable. Subpart IIII. [40 CFR 60.4204(b)]

SPECIFIC REQUIREMENTS

AI ID: 2889 - Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod

EQT 0028 09-01 - EOF Emergency Generator

- 24 [40 CFR 60.4206] Operate and maintain stationary CI ICE according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. Subpart IIII.
- 25 [40 CFR 60.4211(c)] Ensure engine is certified to the emission standards in 40 CFR 60.4204(b), or 40 CFR 60.4025(b) or (c), as applicable, for the same model year and maximum (or in the case of fire pumps, NFPA nameplate) engine power. Install and configure according to the manufacturer's specifications. Subpart IIII. [40 CFR 60.4211(c)]
- 26 [40 CFR 60.4211(d)(2)] Submit petition to DEQ for approval of operating parameters to be monitored continuously. Include the information described in 40 CFR 60.4211(d)(2)(i) through (d)(2)(v). Subpart IIII. [40 CFR 60.4211(d)(2)]
- 27 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 28 [LAC 33:III.1311.C] Opacity \leq 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 (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: Six-minute average

UNF 0001 - Entire Facility

- 29 [40 CFR 60.4208] Comply with all applicable deadlines specified in 40 CFR 60.4208(a) through (h). Subpart IIII.
- 30 [40 CFR 60.] All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- 31 [40 CFR 63.6590(c)] Meet the requirements of 40 CFR 60 Subpart IIII for compression ignition engines or 40 CFR 60 Subpart JJJJ for spark ignition engines. Subpart ZZZZ. [40 CFR 63.6590(c)]
- 32 [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.
- 33 [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.
- 34 [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.
- 35 [LAC 33:III.537] Comply with the Louisiana General Conditions as set forth in LAC 33:III.537.
- 36 [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.
- 37 [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.
- 38 [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.
- 39 [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.

SPECIFIC REQUIREMENTS

AI ID: 2889 - Entergy Operations Inc - River Bend Station

Activity Number: PER20080004

Permit Number: 3160-00009-04

Air - Minor Source/Small Source Mod