



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

May 2, 2008

Mr. Monroe Clemmons
Verizon Florida, Incorporated
120 East Lime Street
Lakeland, Florida 33801

Dear Mr. Clemmons:

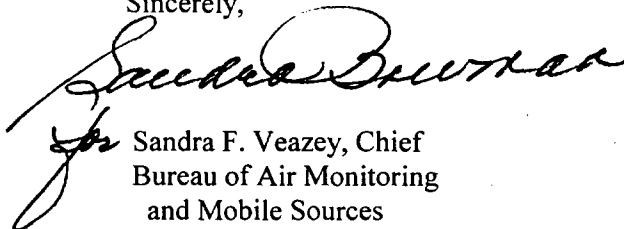
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on March 28, 2008. We have assigned ARMS No. 1050414-001 to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after 5 years. Therefore, a new registration form must be received no later than 5 years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sincerely,



Sandra F. Veazey, Chief
Bureau of Air Monitoring
and Mobile Sources

SFV/pg

cc: Ms. Danielle Henry, Southwest District

DEPARTMENT OF AIR MONITORING
& MOBILE SOURCES

APR 04 2008

RECEIVED

**RECIPROCATING INTERNAL COMBUSTION ENGINES
AIR GENERAL PERMIT REGISTRATION FORM**

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (*\$100 as of the effective date of this form*)

1050414-001

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): _____
- No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Verizon Florida Inc.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

Auburndale CO

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 214 East Lake Avenue

City: Auburndale

County: Polk

Zip Code: 33823

Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facility)

N/A

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: James D. McElman, PG, Environmental Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Verizon Florida Inc.

Street Address: 1 East Telecom Parkway; MC: B1M

City: Temple Terrace

County: Hillsborough

Zip Code: 33637

Owner/Authorized Representative Telephone Numbers

Telephone: 813-978-6965

Fax: 813-978-2387

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: Monroe Clemmons

Facility Contact Mailing Address

Organization/Firm: Verizon Florida Inc.

Street Address: 120 E. Lime Street

City: Lakeland

County: Polk

Zip Code: 33801

Facility Contact Telephone Numbers

Telephone: 863-686-1446

Fax:

Cell phone (optional):

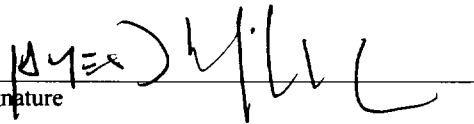
Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

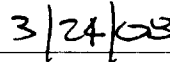
I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this registration form.

Signature



Date



Fuel Consumption

If this is an **initial registration** for reciprocating internal combustion engine operations, provide an estimate of the total amount of fuel expected to be consumed over a 12-month period. Note: the general permit limits fuel consumption by all reciprocating internal combustion engines at the facility to 20,000 gallons per year of gasoline, 250,000 gallons per year of diesel fuel, 1.15 million gallons per year of propane, 40 million standard cubic feet per year of natural gas, or an equivalent prorated amount if multiple fuels are used

11,760 gallons of diesel maximum estimate (see below for details); actual will be much less if emergency operations are not required

If this is a **re-registration** for reciprocating internal combustion engine operations, provide the highest 12-month total fuel consumption amount, in appropriate units, for the last five years. Indicate the 12-month period over which this fuel consumption occurred.

Description of Facility

Below, or as an attachment to this form, provide a description of the reciprocating internal combustion engine operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

The facility operates one diesel fired reciprocating internal combustion engines as provided in the attached Table. There are no other fuel burning sources at the facility. Also provided are the fuel consumption rates and the oxides of nitrogen ("NOx") emission rates at standby. The fuel consumption rate is based on 0.08 gals/KW times 250 kW. Using EPA's AP-42 (Fifth Edition, October, 1996) NOx emission factor of 4.41 lb/mmBtu/hr (based on 135,000 Btu/gal) the maximum hourly NOx is estimated to be 11.9 lb/hr. The engine was manufactured in 1986 so it does not need to comply with 40 CFR 60 Subpart IIII, the New Source Performance Standards for Compression Ignition Internal Combustion Engines.

The engine is currently operating as an emergency generator as per Chapter 62-210.200(116) which limits operation to no more than 500 hours per year "only when the primary power source for that facility has been rendered inoperable by an emergency situation." In addition Chapter 62-210.300(3)(a)20.b exempts the engine from a permit if one or more generators at the facility consume no more than 32,000 gallons per year of diesel fuel. For this facility, the 500-hour limit is more restrictive.

The facility wishes to enroll the engine in a utility-sponsored Demand Response ("DR") Program. The DR Program is currently designed to operate for no more than 88 hours per year with a daily limit of 1 hour if the DR Program is called and a daily maximum of no more than 8 hours. It is expected that the DR Program will be called about 40 to 50 hours per year. Using the 88 hour limit, the estimated additional fuel use is 1,760 gallons for the engine or a total of 11,760 gallons per year for 588 hours of operation, assuming 500 hours of emergency operation. Since the DR Program will be called before the primary power source is rendered inoperable, the facility is applying to operate the engine under the General Permit.

The total worst-case NOx emissions from the entire facility are estimated to be 3.5 tpy assuming 588 hours of operation of the engine. This is well below the 100 tpy facility limit specified in Ruel 62-210.310(2), F.A.C., (2)(a)1. The facility will also not emit 10 tpy or more of any hazardous air pollutant or 25 tpy or more of any combination of hazardous air pollutants. Finally, using the 250,000 gallons fuel limit in the General Permit and the worst-case emissions from the 250-kW engine, the restricted potential to emit for NOx is 52 tpy; less than the 100 tpy potential limit.

The facility will closely monitor any future equipment or process changes at the facility. Any changes to the facility will be assessed to determine if the emergency engines can still operate under the General Permit. The facility will also monitor its hourly usage.

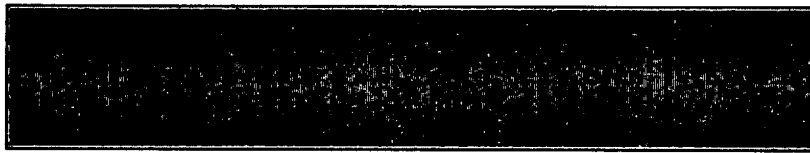
Verizon - Auburndale

Engine Make/Model	Output (kW)	Fuel Use (gph)	NO _x (lbs/hr)	Estimate Worst-Case NO _x (tpy)
Cummins M7855G3	250	20.0 ¹	11.9 ²	3.5 ³

¹ Obtained 0.08 gals/kW * 250 kW

² Obtained using EPA-AP 42 Emission Factor

³ Assumes 588 hours



BLUE SKY ENVIRONMENTAL LLC

March 27, 2008

Mr. Dickson Dibble
Florida DEP
3800 Commonwealth Blvd.
MS-77
Tallahassee, FL 32315-3070

**Subject: RICE Air General Permit Registration
Verizon – Auburndale**

Dear Mr. Dibble:

Attached please find one Air General Permit Registrations for the reciprocating internal combustion engines (“RICE”) located at the Verizon facility at 214 East Lake Avenue, Auburndale in Polk County. Also enclosed is a check for \$100.

The engine is currently operating as an emergency generator as per Chapter 62-210.200(116) which limits operation to no more than 500 hours per year “only when the primary power source for that facility has been rendered inoperable by an emergency situation.” The facility wishes to enroll the engine in a utility-sponsored Demand Response (“DR”) Program. Since the DR Program will be called before the primary power source is rendered inoperable, the facility is applying to operate the engine under this General Permit. Since the engine was manufactured in 1986, it does not need to comply with 40 CFR 60 Subpart III.

As per Rule 62-210.310(2)(c), unless the DEP denies use of the General Permit, the facility may use the Air General Permit 30 days after giving notice to the DEP with the proper registration form and fee. I estimate the date to be April 29, 2008.

2008 MAR 29 PM 3:59
REVENUE
2008 MAR 29 PM 3:59

Ms. Dickson Dibble
FL DEP
March 27, 2008

Page 2

If you have any questions or require additional information, please do not hesitate to contact me at 617-834-8408. Aaron Jenkins of EnerNOC will arrange the site visit if necessary. Aaron can be reached at 863-559-9501.

Sincerely,
Blue Sky Environmental LLC



Don C. DiCristofaro, CCM
President
Attachments

Cc: A. Jenkins

**Florida Department of Environmental Protection
Cash Receiving Application (CRA)
Cashlisting by Deposit #: 281557 thru 281557
Printed: 4/2/2008 8:07:48 AM - Page 9**

Cashlisting: **67624** Cashlist Area: **3755** Description: **DIV OF AIR RESOURCES MGMT.**
 Deposit No: **281557** Date Deposited: **04/01/2008** Contact: **E. WALKER**

Object	Transmittal	Dep DDN	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund
002272	47689	481712	620565		ARLINGTON ENVIRONMENTAL SERVIC	1771	\$100.00		867899	770819	PFTF
	47689	481713	620566		CONTECH CONSTRUCTION PRODS INC	70061000	\$100.00		867902	770820	PFTF
	47709		620691		T.J. BEGGS, JR AND SONS, INC	1644	\$100.00		867983	770947	PFTF
	47709		620705		ENER-NOC, INC	11138	\$100.00		868001	770962	PFTF
Object Code 002272 Subtotal:							\$400.00				
002303	47709		620698		CITY OF JACKSONVILLE	00824454	\$200.00		867994	770955	PFTF
Object Code 002303 Subtotal:							\$200.00				
002304	47709		620698		CITY OF JACKSONVILLE	00824454	\$300.00		867992	770955	PFTF
Object Code 002304 Subtotal:							\$300.00				
002309	47709		620698		CITY OF JACKSONVILLE	00824454	\$40.00		867993	770955	PFTF
Object Code 002309 Subtotal:							\$40.00				
Cashlisting 67624 Total:							\$940.00				

*1050414-001
4/18/2008 - IC*