



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

August 27, 2008

Mr. Frank Krejnicky
Nielsen Media Research
501 Brooker Creek Boulevard
Oldsmar, Florida 34677

Dear Mr. Krejnicky:

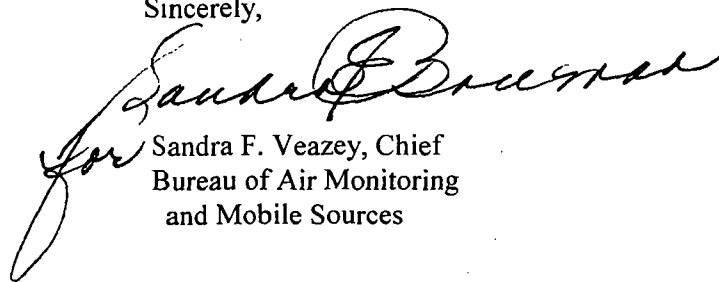
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on July 24, 2008. We have assigned ARMS No. 1030533-001 to this facility.

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: Mr. Gary Robbins, Pinellas County

DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR POLLUTION CONTROL DIVISION

JUL 25 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)

1030533-001

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

<u>Facility Owner/Company Name</u> (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.) Nielsen Media Research
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<u>Site Name</u> (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.) Nielsen Media

<u>Facility Location</u> (Provide the physical location of the facility, not necessarily the mailing address.) Street Address: 501 Brooker Creek Boulevard City: Oldsmar County: Pinellas Zip Code: 34677

<u>Facility Start-Up Date</u> (Estimated start-up date of proposed new facility.) (N/A for existing facility) N/A
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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: Lynn Laforce, Facility Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Nielsen Media Research

Street Address: 501 Brooker Creek Boulevard

City: Oldsmar

County: Pinellas

Zip Code: 34677

Owner/Authorized Representative Telephone Numbers

Telephone: 813-366-3026

Fax: 813-366-0030

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: Frank Krejnicky, Chief Engineer

Facility Contact Mailing Address

Organization/Firm: Nielsen Media Research

Street Address: 501 Brooker Creek Boulevard

City: Oldsmar

County: Pinellas

Zip Code: 34677

Facility Contact Telephone Numbers

Telephone: 813-366-3023

Fax: 813-366-0030

Cell phone (optional):

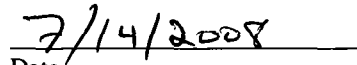
Owner/Authorized Representative Statement

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

233,017 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 five 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 and emission rates are provided by the engine manufacturer. Four engines were manufactured in 2002 so they do not need to comply with 40 CFR 60 Subpart III, the New Source Performance Standards for Compression Ignition Internal Combustion Engines. The fifth engine was manufactured in 2008 and it does comply with Subpart III

The engines are currently operating as emergency generators 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 engines 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 32,000 gallons limit is more restrictive.

The facility wishes to enroll the engines 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 12,021 gallons for each DQKC engine and 12,584 for the DQKAB engine or a total of 233,017 gallons per year for 338 hours of operation, assuming 250 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 35.6 tpy assuming 338 hours of operation of each 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 DQKC engine, the restricted potential to emit for NOx is 41 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.

Nielsen Media Engine Summary

Engine	Manufacture Year	Output (kW)	Fuel Use (gph)	NO _x (lbs/hr)	Estimate Worst-Case NO _x (tpy) ¹
DQKC	2002	2,000	136.6	45.1	7.6
DQKC	2002	2,000	136.6	45.1	7.6
DQKC	2002	2,000	136.6	45.1	7.6
DQKC	2002	2,000	136.6	45.1	7.6
DQKAB	2008	2,000	143.0	30.7 ²	5.2

¹ Assumes 338 hours for each engine.

² Conservatively assumes all NO_x = NO_x + HC emissions

**Notification Requirements for the 2000DQKAB engine
as per 40 CFR 60.4214**

Manufacture Date: 2008

Engine is subject to 40 CFR 60 Subpart IIII for Stationary Compression Ignition Internal Combustion Engines since the manufacture date is after 4/1/06 and the order date is after 7/11/05.

Name/Address of Owner:

Nielsen Media Research
501 Brooker Creek Boulevard
Oldsmar, FL 34677

Address of Affected Source:

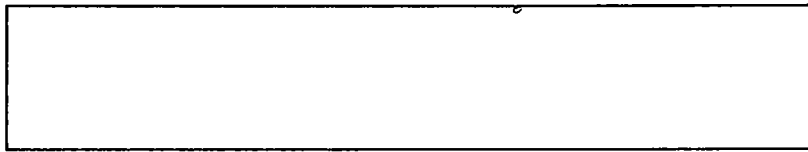
Nielsen Media Research
501 Brooker Creek Boulevard
Oldsmar, FL 34677

Engine Information:

Make: Cummins, Inc.
Model: QSK60-G5 (DQKAB)
Engine Family: 8CEXL060.AAD
EPA Certificate Number: CEX-NRCI-08-21
Serial Number: 107011173
Model Year: 2008
Maximum Engine Power: 2,000 kW
Total Engine Displacement: 60.1 liters
Number of Cylinders: 16
Per Cylinder Displacement: 3.8 liters/cylinder

Emission Control Equipment: None

Fuel Used: Diesel



BLUE SKY ENVIRONMENTAL LLC

July 23, 2008

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

**Subject: RICE Air General Permit Registration
Nielsen Media Research**

Dear Mr. Dibble:

Attached please find an Air General Permit Registration for the five reciprocating internal combustion engines ("RICE") located at Nielsen Media Research at 501 Brooker Creek Boulevard in Oldsmar and a check for \$100.

The engines are currently operating as a emergency generators 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 engines from a permit if one or more generators at the facility consume no more than 32,000 gallons per year of diesel fuel. The facility wishes to enroll the engines 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 engines under this General Permit.

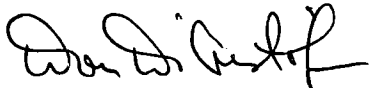
As per Rule 62-210.310(2)(c), unless the DEP denies use of the General Permit, the facility may use the Air General Permit 30 days after giving notice to the DEP with the proper registration form and fee. I estimate the date to be August 22, 2008.

Mr. Dickson Dibble
FL DEP
July 23, 2008

Page 2

If you have any questions or require additional information, please do not hesitate to contact me at 617-834-8408.

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 #: 291045 thru 291045
 Printed: 7/24/2008 4:45:07 PM - Page 9

Cashlisting: 69912 Cashlist Area: 3755 Description: DIV OF AIR RESOURCES MGMT.
 Deposit No: 291045 Date Deposited: 07/24/2008 Contact: E. WALKER

Object	Transmittal	Dep DDN	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund	Grant
002272	49673	484736	632074		VIEIRA FUNERAL HOMES LLC	01	\$100.00		892208	790503	PFTF	
	49694		632122		ENERNOC, INC	14515	\$100.00	1030533-001 8/1/2008-IC	892281	790551	PFTF	
Object Code 002272 Subtotal:							\$200.00					
002278	49673	484738	632076		DARCCO ENVIRONMENTAL INC	25858	\$300.00	49715	892219	790505	APCTF	
Object Code 002278 Subtotal:							\$300.00					
Cashlisting 69912 Total:							\$500.00					