



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
MC 61-53 IGCN 1003
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant
DATE: September 18, 2007

RE: Verizon / 003-25202-00319

FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 03/23/06



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

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September 18, 2007

Mary Ann Stone
Verizon
19845 U.S. 31 North
Westfield, IN 46074

Re: Registration Notice-Only Change
No. R003-25202-00319

Dear Ms. Stone,

Verizon-Oakbrook Parkway was issued a Registration No. R003-14512-00319 on November 19, 2001 for stationary emergency generators and dual fuel boilers located at 6430 Oakbrook Parkway, Fort Wayne, Indiana, 46825. A letter notifying the Office of Air Quality of a notice-only change to the registration was received on August 27, 2007. The source plans to add one diesel-powered emergency generator that has potential emissions of regulated criteria pollutants and hazardous air pollutants of less than the threshold levels specified in 326 IAC 2-5.5-6(d)(10) and 326 IAC 2-5.5-6(d)(12), respectively.

The addition of the emergency generator is considered a notice-only change pursuant to 326 IAC 2-5.5-6(d). No new state rules are applicable to this source. This source is not a major PSD stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or greater and it is not in one of the 28 source categories listed in 326 IAC 2-2-1(gg)(1). There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) or National Emission standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 20 and 40 CFR Part 61, 63) included in this notice-only change.

In addition, IDEM updated the emission calculations in order to clarify the source's potential to emit before and after controls. These changes are considered notice-only changes pursuant to 326 IAC 2-5.5-6. Pursuant to 326 IAC 2-5.5-6, the registration is hereby revised as follows, new language is **bolded** in the emission unit listing (d) and a typographical error as ~~strikeout~~ and corrected in **bold** in the Opacity Limitations section (b):

- (a) One (1) diesel-powered emergency generator (EG-1) rated at 1,375 kilowatts operating no more than 500 hours per year and venting to the atmosphere.
- (b) Three (3) diesel-powered emergency generators (EG-2 to EG-4) rated at 1,500 kilowatts (each) operating no more than 500 hours per year and venting to the atmosphere.
- (c) Two (2) natural gas/distillate boilers rated at 0.81 MMBtu/hr (each) operating 8,760 hours per year venting to the atmosphere.
- (d) **One (1) diesel-powered emergency generator (EG-5) rated at 2,000 kilowatts operating no more than 500 hours per year and venting to the atmosphere.**

The following conditions shall be applicable:

Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute non-overlapping integrated averages for a ~~continuous~~ **continuous** opacity monitor in a six (6) hour period.

Pursuant to 326 IAC 6-2-4 (Emission Limitation for Facilities Specified in 326 IAC 6-2-1(d)), particulate emissions from indirect heating facilities shall be limited to 0.6 pounds of PM per MMBtu as the total boiler capacity is less than 10 MMBtu/hr.

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Sandra Carr, at (800) 451-6027, press 0 and ask for Sandra Carr or extension 4-5377, or dial (317) 234-5377.

Sincerely,

Original signed by

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

NS/SEC

Attachment: Updated Emissions Calculations

cc: File - Allen County
Allen County Health Department
Air Compliance Section - Patrick Burton
Permit Tracking
Compliance Data Section
Permits Administrative and Development
Billing, Licensing and Training Section – Dan Stamatkin



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September 18, 2007

Mary Ann Stone
Verizon
19845 U.S. 31 North
Westfield, Indiana 46074

Dear Ms. Stone:

Re: Registered Status,
R003-25202-00319

The application from Verizon - Oakbrook Parkway, received on August 27, 2007, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.1 or 326 IAC 2-5.5, it has been determined that the following emergency generators and dual fuel boilers, located at 6430 Oakbrook Parkway, Fort Wayne, Indiana, 46825, are classified as registered:

- (a) One (1) diesel-powered emergency generator (EG-1) rated at 1,375 kilowatts operating no more than 500 hours per year and venting to the atmosphere.
- (b) Three (3) diesel-powered emergency generators (EG-2 to EG-4) rated at 1,500 kilowatts (each) operating no more than 500 hours per year and venting to the atmosphere.
- (c) Two (2) natural gas/distillate boilers rated at 0.81 MMBtu/hr (each) operating 8,760 hours per year venting to the atmosphere.
- (d) One (1) diesel-powered emergency generator (EG-5) rated at 2,000 kilowatts operating no more than 500 hours per year and venting to the atmosphere.

The following conditions shall be applicable:

Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute non-overlapping integrated averages for a continuous opacity monitor in a six (6) hour period.

Pursuant to 326 IAC 6-2-4 (Emission Limitation for Facilities Specified in 326 IAC 6-2-1(d)), particulate emissions from indirect heating facilities shall be limited to 0.6 pounds of PM per MMBtu as the total boiler capacity is less than 10 MMBtu/hr.

This registration is the only air approval issued to this source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.1-2(f)(3). The annual notice shall be submitted to:

**Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, IN 46204-2251**

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Original signed by

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

NS/SEC

Attachments: Updated Emissions calculations, revised Registration permit

cc: File - Allen County
Allen County Health Department
Air Compliance Section - Patrick Burton
Permit Tracking
Compliance Data Section
Permits Administrative and Development
Billing, Licensing and Training Section – Dan Stamatkin

Registration Annual Notification

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3).

Company Name:	Verizon - Oakbrook Parkway
Address:	6430 Oakbrook Parkway
City:	Fort Wayne, Indiana 46825
Authorized individual:	Mary Ann Stone
Phone #:	(317) 896-6605
Registration #:	003-25202-00319

I hereby certify that Verizon - Oakbrook Parkway is still in operation and is in compliance with the requirements of Registration 003-25202-00319.

Name (typed):
Title:
Signature:
Date:

**Appendix A: Emission Calculations
Summary of All Sources**

Company Name: **Verizon**
Address City IN Zip: **6430 Oakbrook Parkway, Fort Wayne, Indiana 46806**
Permit ID#: **14512**
Plt ID: **003-00319**
Reviewer: **SEC**
Date: **September 7, 2007**

Source	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
Emergency Generators (5)	1.0	0.8	3.0	23.5	1.1	5.9
Boilers (2)	0.1	0.1	3.6	1.0	0.0	0.3
Total	1.1	0.9	6.6	24.5	1.1	6.2

**Appendix A: Emission Calculations
Internal Combustion Engines - Diesel Fuel
>600 HP**

Company Name: Verizon
Address City IN Zip: 6430 Oakbrook Parkway, Fort Wayne, Indiana 46806
Permit ID#: 14512
Plt ID: 003-00319
Reviewer: SEC
Date: September 7, 2007

Heat Input Capacity
MMBtu/hr

6.8

Emission Factor in lb/MMBtu	Pollutant				
	PM10*	SO2	NOx	VOC	CO
0.31	0.29	4.41	0.35	0.95	
Potential Emission in tons/yr	0.53	0.49	7.50	0.60	1.62

Methodology:

EPA estimates that 500 hr/yr is a worst case maximum for operation of an emergency generator.

Potential Emissions (tons/year)=EF_{pollutant} (lb/MMBtu)* Heat Input rate (MMBtu/hr)*(hrs of operation/year) *(1 ton /2000 lb)

NOTE: Calculations represent one (1) new emergency generator.

Company Name: Verizon
 Address City IN Zip: 6430 Oakbrook Parkway, Fort Wayne, Indiana 46806
 Permit Number: 14512
 Plt ID: 003-00319
 Reviewer: SEC
 Date: September 7, 2007

Emissions calculated based on 5 emergency generators

Heat Input Capacity Potential Throughput*
 MMBtu/hr hr/yr

6.8 **500**

Emission Factor in lb/MMBtu	HAPs					
	Benzene	Toluene	Xylenes	Naphthalene	Formaldehyde	Acetaldehyde
Potential Emission in tons/yr	9.33E-04	4.09E-04	2.85E-04	8.48E-05	1.18E-03	7.67E-04
	7.93E-03	1.02E-04	7.13E-05	2.12E-05	2.95E-04	1.92E-04

Methodology

Emission Factors are from AP 42 (Supplement B 10/96) Table 3.3-1 and Table 3.3-2
 Emission (tons/yr) = [Heat input rate (MMBtu/hr) x Emission Factor (lb/MMBtu)] * 500 hr/yr * (1 ton/2,000 lb) * 5 generators
 *EPA estimates that an acceptable worst case for an emergency generator is 500 hours per year.

Summary:

Total HAPs emissions are less than 1 ton per year (<1 tpy).