

CITY OF HOMESTEAD, FLORIDA

790 N. HOMESTEAD BOULEVARD • HOMESTEAD, FLORIDA 33030
TELEPHONE: (305) 247-1801 • FAX: (305) 246-3241 • E-Mail: <http://ci.homestead.fl.us>

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RECEIVED

MAY 13 2002

BUREAU OF AIR REGULATION

May 8, 2002

Mr. Scott M. Sheplak, P.E. Administrator ✓
Title V Section, Bureau of Air Regulation
Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: **Reciprocating Internal Combustion Engines**

Dear Mr. Sheplak:

The City of Homestead, Florida owns and operates a Municipal Electric Utility including the Gordon W. Ivey Power Plant. The facility is located at 655 N. Flagler Avenue, Homestead, Florida 33030. We believe that this facility is an affected industry type source and may be considered a major source of hazardous air pollutants.

This facility consists of sixteen (16) dual fuel diesel generating units (RICE) utilizing natural gas as the main fuel and #2 diesel for startup, ignition, and as a secondary fuel. The engines drive generators ranging in size from a nameplate rating of 2070 kw to 8800 kw. The facility ID No. is 0250013 and the Title V. Permit No. is 0250013-001-AV. The individual emission units are listed below.

Brief Description of Emissions Units

E.U. ID No.

-002	2070 kW Dual Fuel Diesel Generator #2
-003	2070 kW Dual Fuel Diesel Generator #3
-008	2500 kW Dual Fuel Diesel Generator #8
-009	2500 kW Dual Fuel Diesel Generator #9
-010	2500 kW Dual Fuel Diesel Generator #10
-011	3270 kW Dual Fuel Diesel Generator #11
-012	3270 kW Dual Fuel Diesel Generator #12
-013	2070 kW Dual Fuel Diesel Generator #13
-014	2070 kW Dual Fuel Diesel Generator #14
-015	2070 kW Dual Fuel Diesel Generator #15
-016	2070 kW Dual Fuel Diesel Generator #16
-017	2070 kW Dual Fuel Diesel Generator #17
-018	8800 kW Dual Fuel Diesel Generator #18
-019	8800 kW Dual Fuel Diesel Generator #19
-020	6485 kW Dual Fuel Diesel Generator #20
-021	6485 kW Dual Fuel Diesel Generator #21

Scott M. Sheplak
May 8, 2002
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If any further information is necessary, please contact me at (305) 247-1801, Ext. 619.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth J. Konkol". The signature is fluid and cursive, with a large initial "K" and a stylized "J".

Kenneth J. Konkol
Acting Director of Utilities
City of Homestead, Florida

KJK/dj



Department of Environmental Protection

Jeb Bush
Governor

April 5, 2002

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

To the Title V Air Permitting Contact Person:

Our records indicate that your facility may be a major source of hazardous air pollutants and may be in the affected **Reciprocating Internal Combustion Engines** and/or **Combustion Turbines** source category(ies). Therefore, **you must notify us by May 15, 2002 if you think** your facility is a major source of hazardous air pollutants and is in an affected industry type source category. A list of affected industry type source categories is printed on the reverse side of this letter.

The Clean Air Act (CAA), as amended in 1990, requires that the USEPA publish federal regulations by May 15, 2002 to determine the maximum achievable control technology (MACT) to reduce emissions of hazardous air pollutants (HAPs) from certain industry type source categories at facilities that emit major amounts of hazardous air pollutants. A major amount of hazardous air pollutants is considered to be 10 tons per year or more of a single hazardous air pollutant, or 25 tons per year or more of a combination of hazardous air pollutants. However, the USEPA is not likely to publish the federal MACT regulations until May 15, 2004 instead of May 15, 2002, the MACT "hammer" date. As a result, Section 112(j) of the Clean Air Act must be initiated.

If you think your facility is a major source of hazardous air pollutants and is in an affected industry type source category, you must submit to our office and the USEPA by **May 15, 2002** the following **112(j) notification information**, which may be in letter format:

- (1) The name, address (physical location), and brief description of the major source (facility);
- (2) An identification of the relevant industry type source category(ies) [See list on reverse side of this letter.];
- (3) A list of the emission units belonging to the relevant industry type source category(ies); and
- (4) An identification of any affected sources for which a section 112(g) MACT determination has been made.

This submittal must be signed by the Title V permit Responsible Official. The mailing addresses for the 112(j) contacts at our office and the USEPA are:

Ms. Cindy Phillips, P.E.
FDEP Bureau of Air Regulation
MS 5505
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Mr. Doug Neeley
Air, Pesticides, and Toxics Management Division
USEPA Region IV
61 Forsyth Street, SW
Atlanta, GA 30303-8960

This notification requirement does not affect the processing of any Title V permits that are undergoing renewal now or in the near future. Any newly applicable NESHAP requirements that may be promulgated by May 2004 will be incorporated into your Title V permit through the procedures specified in 40 CFR 70.7 (f), *Reopening for cause*. As before, any new construction or reconstruction that, by itself, will emit a major amount of hazardous air pollutants, will likely require a 112(g) Case-by-case MACT determination during the construction permitting process.

If you have any questions, please contact Ms. Cindy Phillips at 850-921-9534 or Cindy.Phillips@dep.state.fl.us.

Sincerely,

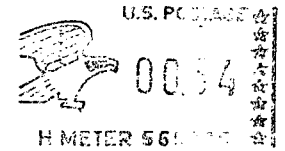
Scott M. Sheplak, P.E. Administrator
Title V Section, Bureau of Air Regulation

"More Protection, Less Process"

BEST AVAILABLE COPY



675 North Flagler Avenue • Homestead, Florida 33030



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