



# Department of Environmental Protection

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

March 18, 2004

Mr. Frank W. Cox  
Director of Utilities and Responsible Official  
G.W. Ivey Power Plant  
Homestead City Utilities  
675 North Flagler Avenue  
Homestead, FL 33030

Re: Title V Air Operation Permit Renewal Application  
**G.W. Ivey Power Plant**  
DRAFT Permit Renewal No. 0250013-002-AV  
Facility ID: 0250013

Dear Mr. Cox:

One copy of the DRAFT Permit for the renewal of a Plant, located at 660 NE 1 Road, Homestead, Dade County, is ISSUE TITLE V AIR OPERATION PERMIT RENEWAL; TITLE V AIR OPERATION PERMIT RENEWAL are also

Electronic versions of these documents have been posted on the Division of Air Resource Management's world wide web site for the United States Environmental Protection Agency (U.S. EPA) Region 4 office's review. The web site address is:

<http://www.dep.state.fl.us/air/permitting/airpermits>

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL" must be published as soon as possible. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to A. A. Linero, P.E., at the above letterhead address. If you have any other questions, please contact Tom Cascio at 850/921-9526.

Sincerely,

Trina L. Vielhauer, Chief  
Bureau of Air Regulation

Enclosures

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

7003 3140 0002 1578 0762 2004 JUN 18 10 58 AM  
SIDE

Frank W. Cox, Director of Utilities SE

Postage	\$	NO GREEN CARD	Postmark Here
Certified Fee			
Return Receipt Fee (Endorsement Required)			
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$		

Sent To  
Mr. Frank W. Cox, Director of Utilities  
Street, Apt. No.;  
or PO Box No. 675 North Flagler Avenue  
City, State, ZIP+4  
Homestead, Florida 33030

PS Form 3800, January 2001 See Reverse for Instructions

"More Protection, Less Process"

Printed on recycled paper.

In the Matter of an  
Application for Permit Renewal by:

Homestead City Utilities  
675 North Flagler Avenue  
Homestead, FL 33030

DRAFT Permit No. 0250013-002-AV  
G.W. Ivey Power Plant  
Dade County

### **INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL**

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit Renewal (copy of DRAFT Permit attached) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Homestead City Utilities, applied on March 8, 2004, to the permitting authority for a Title V Air Operation Permit Renewal for the G.W. Ivey Power Plant, located at 660 NE 1 Road, Homestead, Dade County. The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V Air Operation Permit Renewal is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V Air Operation Permit Renewal based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114; Fax: 850/922-6979, within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

The permitting authority will issue the PROPOSED Permit, and subsequent FINAL Permit, in accordance with the conditions of the attached DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition

must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2242; Fax: 850/245-2303). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when each petitioner received notice of the agency action or proposed action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION**



Trina L. Vielhauer, Chief  
Bureau of Air Regulation

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL (including the PUBLIC NOTICE and the DRAFT Permit) and all copies were sent by certified mail before the close of business on 3/23/04 to the person(s) listed:

Frank W. Cox, Homestead City Utilities

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL (including the PUBLIC NOTICE and Statement of Basis) were sent by U.S. mail on the same date to the person(s) listed or as otherwise noted:

Abraham Stroulov, P.E., URS Corporation, 7800 Congress Avenue, Suite 200, Boca Raton, FL 33487

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL (including the DRAFT Permit package) were sent by INTERNET E-mail on the same date to the person(s) listed:

H. Patrick Wong, Dade County Department of Environmental Resources Management  
U.S. EPA, Region 4

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

Barbara J. Friday 3/23/04  
(Clerk) (Date)

**PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL**

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit Project No. **0250013-002-AV**  
**G.W. Ivey Power Plant**  
Dade County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit Renewal to the Homestead City Utilities for the G.W. Ivey Power Plant, located at 660 NE 1 Road, Homestead, Dade County. The applicant's name and address are: Mr. Frank W. Cox, Director of Utilities, Homestead City Utilities, 675 North Flagler Avenue, Homestead, FL 33030.

The permitting authority will issue the PROPOSED Permit, and subsequent FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2242; Fax: 850/245-2303). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so state;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Department of Environmental Protection

Bureau of Air Regulation

111 South Magnolia Drive, Suite 4

Tallahassee, Florida 32301

Telephone: 850/488-0114

Fax: 850/922-6979

Affected District/Local Program:

Dade County Department of Environmental Resources Management

Suite 900

33 Southwest Second Avenue

Miami, Florida 33130-1540

Telephone: 305/372-6925

Fax: 305/372-6954

The complete project file includes the DRAFT Permit Renewal, the application for renewal, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact A. A. Linero, P.E., at the above address, or call 850/921-9523, for additional information.



## STATEMENT OF BASIS

Homestead City Utilities  
**G.W. Ivey Power Plant**  
Facility ID No. **0250013**  
Dade County

Title V Air Operation Permit Renewal  
Permit No. **0250013-002-AV**

This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

This facility consist of sixteen (16) unregulated dual fuel fired engine generators, two (2) unregulated cooling towers, and various unregulated fuel oil and miscellaneous storage tanks. The generators are peaking units and are used only on a grid demand basis. The highest usage time is generally in the summer time. The facility does keep one generator operating (usually #18, #19, #20 or #21) at idle all the time just for immediate response needs. Generators #2, #3, #13, #14, #15, #16 and #17 are rated at 2070 kW; generators #8, #9 and #10 are rated at 2500 kW; generators #11 and #12 are rated at 3270 kW; generators #20 and #21 are rated at 6485 kW; and, generators #18 and #19 are rated at 8800 kW.

Each generator is started on 100% No. 2 fuel oil and continues until it achieves the proper operating temperature, which takes approximately 5 to 10 minutes. Then, the generators are switched over to a dual fuel firing mode, which is a 95% natural gas and 5% distillate No. 2 fuel oil mixture. The sulfur content of the distillate No. 2 fuel oil being fired is 0.05%, by weight, or less.

Based on the Title V permit renewal application received on March 8, 2004, this facility is not a major source of hazardous air pollutants (HAPs).

Homestead City Utilities  
**G.W. Ivey Power Plant**  
Facility ID No. **0250013**  
Dade County

Title V Air Operation Permit Renewal  
DRAFT Permit No. **0250013-002-AV**

Permitting Authority:

State of Florida  
Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
Permitting South Section  
Mail Station #5505  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Telephone: 850/488-0114  
Fax: 850/922-6979

Compliance Authority:

Dade County Department of Environmental Resources Management  
Air Quality Management Division  
Suite 900  
33 Southwest Second Avenue  
Miami, Florida 33130-1540  
Telephone: 305/372-6925  
Fax: 305/372-6954

Title V Air Operation Permit Renewal  
DRAFT Permit No. 0250013-002-AV  
Facility ID No. 0250013

**Table of Contents**

<b><u>Section</u></b>	<b><u>Page Number</u></b>
Placard Page .....	1
I. Facility Information .....	2
A. Facility Description.	
B. Summary of Emissions Unit ID No(s). and Brief Description(s).	
C. Relevant Documents.	
II. Facility-wide Conditions .....	3

**Permittee:**  
Homestead City Utilities  
675 North Flagler Avenue  
Homestead, Florida 33030

DRAFT Permit No. **0250013-002-AV**  
Facility ID No. **0250013**  
**SIC Nos.:** 49, 4911  
**Project:** Title V Air Operation Permit Renewal

This permit renewal is for the operation of the G.W. Ivey Power Plant. This facility is located at 660 NE 1 Road, Homestead, Dade County; UTM Coordinates: Zone 17, 553.8 km East and 2813.3 km North; Latitude: 25° 28' 24" North and Longitude: 80° 27' 53" West.

This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

**Referenced attachments made a part of this permit:**

Appendix U-1, List of Unregulated Emissions Units and/or Activities.  
Appendix I-1, List of Insignificant Emissions Units and/or Activities.  
APPENDIX TV-4, TITLE V CONDITIONS (version dated 02/12/02).

**Effective Date:**  
**Renewal Application Due Date:**  
**Expiration Date:**

---

Michael G. Cooke, Director  
Division of Air Resource Management

MGC/tbc

**Section I. Facility Information.**

**Subsection A. Facility Description.**

This facility consists of sixteen (16) unregulated dual fuel fired engine generators, two (2) unregulated cooling towers, and various unregulated fuel oil and miscellaneous storage tanks. Based on the Title V permit renewal application received on March 8, 2004, this facility is not a major source of hazardous air pollutants (HAPs).

**Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).**

Unregulated Emissions Units and/or Activities

<b>E.U. ID No.</b>	<b>Brief Description of Emissions Units and/or Activity</b>
-002	2070 kW Dual Fuel Diesel Generator
-003	2070 kW Dual Fuel Diesel Generator
-008	2500 kW Dual Fuel Diesel Generator
-009	2500 kW Dual Fuel Diesel Generator
-010	2500 kW Dual Fuel Diesel Generator
-011	3270 kW Dual Fuel Diesel Generator
-012	3270 kW Dual Fuel Diesel Generator
-013	2070 kW Dual Fuel Diesel Generator
-014	2070 kW Dual Fuel Diesel Generator
-015	2070 kW Dual Fuel Diesel Generator
-016	2070 kW Dual Fuel Diesel Generator
-017	2070 kW Dual Fuel Diesel Generator
-018	8800 kW Dual Fuel Diesel Generator
-019	8800 kW Dual Fuel Diesel Generator
-020	6485 kW Dual Fuel Diesel Generator
-021	6485 kW Dual Fuel Diesel Generator
-022	Two (2) Cooling Towers for Emission Units Nos. 18 and 19
-023	Various Storage Tanks for Diesel Fuel, Lube Oil and Solvents

*Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.*

**Subsection C. Relevant Documents.**

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History/ID Number Changes

Statement of Basis

These documents are on file with permitting authority:

Title V Permit Renewal Application received on March 8, 2004.

## Section II. Facility-wide Conditions.

### The following conditions apply facility-wide:

1. APPENDIX TV-4, TITLE V CONDITIONS, is a part of this permit.  
{Permitting note: APPENDIX TV-4, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}
  2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 62-296.320(2), F.A.C.]
  3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.  
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
  4. Prevention of Accidental Releases (Section 112(r) of CAA).
    - a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:  

RMP Reporting Center  
Post Office Box 3346  
Merrifield, VA 22116-3346  
Telephone: 703/816-4434
- and,
- b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.  
[40 CFR 68]
5. Unregulated Emissions Units and/or Activities. Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.  
[Rule 62-213.440(1), F.A.C.]
6. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.  
[Rules 62-213.440(1), 62-213.430(6) and 62-4.040(1)(b), F.A.C.]

7. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

Nothing was deemed necessary and ordered at this time.

[Rule 62-296.320(1)(a), F.A.C.]

8. Emissions of Unconfined Particulate Matter. Pursuant to Rules 62-296.320(4)(c)1., 3. & 4., F.A.C., reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements (see Condition 57. of APPENDIX TV-4, TITLE V CONDITIONS):

The following requirements are "not federally enforceable":

a. Fuel delivery roads and parking lots shall be paved.

[Rule 62-296.320(4)(c)2., F.A.C.; and proposed by applicant in the Title V permit renewal application received on March 8, 2004.]

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.  
[Rule 62-213.440, F.A.C.]

10. The permittee shall submit all compliance related notifications and reports required of this permit to the Dade County Department of Environmental Resources Management office.

Dade County Department of Environmental Resources Management  
Air Quality Management Division  
Suite 900  
33 Southwest Second Avenue  
Miami, Florida 33130-1540  
Telephone: 305/372-6925  
Fax: 305/372-6954

11. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency  
Region 4  
Air, Pesticides & Toxics Management Division  
Air and EPCRA Enforcement Branch  
Air Enforcement Section  
61 Forsyth Street  
Atlanta, Georgia 30303-8960  
Telephone: 404/562-9155  
Fax: 404/562-9163

12. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.  
[Rules 62-213.440(3) and 62-213.900, F.A.C.]

{Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of Appendix TV-4, Title V Conditions).}

13. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.  
[Rule 62-213.420(4), F.A.C.]



**Appendix H-1. Permit History/ID Number Changes**

Homestead City Utilities  
**G.W. Ivey Power Plant**

Permit No. **0250013-002-AV**  
 Facility No. **0250013**

**Permit History:**

<b>E.U. ID No.</b>	<b>Brief Description of Emissions Units and/or Activity</b>	<b>Permit Number</b>	<b>Issue Date</b>	<b>Expiration Date</b>
-002	2070 kW Dual Fuel Diesel Generator #2	AO13-227815	4/21/93	5/01/98
-003	2070 kW Dual Fuel Diesel Generator #3	AO13-227815	4/21/93	5/01/98
-008	2500 kW Dual Fuel Diesel Generator #8	AO13-227815	4/21/93	5/01/98
-009	2500 kW Dual Fuel Diesel Generator #9	AO13-227815	4/21/93	5/01/98
-010	2500 kW Dual Fuel Diesel Generator #10	AO13-227815	4/21/93	5/01/98
-011	3270 kW Dual Fuel Diesel Generator #11	AO13-227815	4/21/93	5/01/98
-012	3270 kW Dual Fuel Diesel Generator #12	AO13-227815	4/21/93	5/01/98
-013	2070 kW Dual Fuel Diesel Generator #13	AO13-227815	4/21/93	5/01/98
-014	2070 kW Dual Fuel Diesel Generator #14	AO13-227815	4/21/93	5/01/98
-015	2070 kW Dual Fuel Diesel Generator #15	AO13-227815	4/21/93	5/01/98
-016	2070 kW Dual Fuel Diesel Generator #16	AO13-227815	4/21/93	5/01/98
-017	2070 kW Dual Fuel Diesel Generator #17	AO13-227815	4/21/93	5/01/98
-018	8800 kW Dual Fuel Diesel Generator #18	AO13-227815	4/21/93	5/01/98
-019	8800 kW Dual Fuel Diesel Generator #19	AO13-227815	4/21/93	5/01/98
-020	6485 kW Dual Fuel Diesel Generator #20	AC13-29640 AO13-227815	4/21/80 4/21/93	12/01/81 5/01/98
-021	6485 kW Dual Fuel Diesel Generator #21	AC13-29640 AO13-227815	4/21/80 4/21/93	12/01/81 5/01/98
-022	Two (2) Cooling Towers for Units Nos. 18 and 19	AO13-227815	4/21/93	5/01/98
	All of the above. (Initial Title V Permit)	0250013-001-AV	5/17/99	5/16/04

**ID Number Changes (for tracking purposes);**

From: Facility ID No. **50DAD130013**

To: Facility ID No. **0250013**

**Appendix U-1, List of Unregulated Emissions Units and/or Activities.**

Homestead City Utilities  
**G.W. Ivey Power Plant**

Permit No. **0250013-002-AV**  
Facility ID No. **0250013**

Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

For those unregulated emissions units subject to the *General Visible Emissions Standard* at Rule 62-296.320(4)(b), F.A.C., then the provisions of Rule 62-210.700, F.A.C., *Excess Emissions*, are available for purposes of compliance.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘insignificant emissions units’.

<b>E.U. ID No.</b>	<b>Brief Description of Emissions Units and/or Activity</b>
-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
-022	Two (2) Cooling Towers for Units Nos. 18 and 19
-023	Various Storage Tanks for Diesel Fuel, Lube Oil and Solvents

**Appendix I-1, List of Insignificant Emissions Units and/or Activities.**

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, or that meet the criteria specified in Rule 62-210.300(3)(b)1., F.A.C., Generic Emissions Unit Exemption, are exempt from the permitting requirements of Chapters 62-210, 62-212 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities

I.C. Engine, diesel driven air compressor
No. 2 Fuel Oil Storage Tank #1, 250,000 gallons
No. 2 Fuel Oil Storage Tank #2, 250,000 gallons
No. 2 Fuel Oil Day Tank (Unit #2) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #3) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #8) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #9) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #10) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #11) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #12) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #13) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #14) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #15) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #16) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #17) ~ 200 gallons
No. 2 Fuel Oil Day Tank (Unit #18) ~ 500 gallons
No. 2 Fuel Oil Day Tank (Unit #19) ~ 500 gallons
No. 2 Fuel Oil Day Tank (Unit #20) ~ 500 gallons
No. 2 Fuel Oil Day Tank (Unit #21) ~ 500 gallons
No. 2 Fuel Oil Day Tank (primer for tank #1) ~ 175 gallons
Lube Oil Storage Tank - 10,000 gallons
Lube Oil Storage Tank - 10,000 gallons
Lube Oil Storage Tank - 2,000 gallons

Find attached the zip file for subject DRAFT Title V Renewal for your information and files.

If I may be of further assistance, please feel free to contact me.

Barbara J. Friday  
Planner II  
Bureau of Air Regulation  
(850)921-9524  
[Barbara.Friday@dep.state.fl.us](mailto:Barbara.Friday@dep.state.fl.us)



Jeb Bush  
Governor

# Department of Environmental Protection

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

David B. Struhs  
Secretary

## P.E. Certification Statement

**Permittee:**

Homestead City Utilities  
G.W. Ivey Power Plant

**DRAFT Permit No.:** 0250013-002-AV

**Project:** Title V Air Operation Permit Renewal

This facility consist of sixteen (16) unregulated dual fuel fired engine generators, two (2) unregulated cooling towers, and various unregulated fuel oil and miscellaneous storage tanks. The generators are peaking units and are used only on a grid demand basis. The highest usage time is generally in the summer time. The facility does keep one generator operating (usually #18, #19, #20 or #21) at idle all the time just for immediate response needs. Generators #2, #3, #13, #14, #15, #16 and #17 are rated at 2070 kW; generators #8, #9 and #10 are rated at 2500 kW; generators #11 and #12 are rated at 3270 kW; generators #20 and #21 are rated at 6485 kW; and, generators #18 and #19 are rated at 8800 kW.

*I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).*

*This draft permit was prepared under my direct supervision by Mr. Tom Cascio of my staff.*

*Alvaro A. Linero 3/19/04*

Alvaro A. Linero, P.E.      date  
Registration Number: 26032

Permitting Authority:

Department of Environmental Protection  
Bureau of Air Regulation  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301  
Telephone: 850/488-0144  
Fax: 850/922-6979

*007*  
*3/19*