

# Florida Department of Environmental Regulation

Southeast District

Lawton Chiles, Governor

P.O. Box 15425  
1900 S. Congress Ave., Suite A  
Telephone: 407/433-2650  
Fax: 407/433-2666

West Palm Beach, Florida 33416

Virginia B. Wetherell, Secretary

APR 21 1993

**PERMITTEE:**

Mr. James L. Swartz  
Superintendent, Power Supply Division  
City of Homestead  
675 North Flagler Avenue  
Homestead, Florida 33030

I.D. NUMBER: 50/DAD/13/0013/1-16  
PERMIT/CERTIFICATION NUMBER: AO 13-227815\*  
DATE OF ISSUE: APR 21 1993  
EXPIRATION DATE: May 1, 1998  
COUNTY: Dade  
LATITUDE/LONGITUDE: 25°28'24"N/80°27'53"W  
UTM: Zone 17; 552.5 Km. E; 2817.6 Km. N  
PROJECT: City of Homestead  
Municipal Power Plant

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule 17-210 and 296, and in conformance with all existing regulations of the Florida Department of Environmental Regulation. 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 Department and made a part hereof and specifically described as follows:

**OPERATE:** An air pollution source consisting of a municipal power plant operating sixteen (16) diesel generators burning #2 fuel oil and natural gas. The units are Numbers 2, 3, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 and 21. Emissions from the generators are discharged to the atmosphere at an average height of 50 feet above ground level.

**IN ACCORDANCE WITH:** Applications for Renewal of Permit to Operate Air Pollution Sources received March 2, 1993 and May 10, 1988, Certificate of Completion of Construction dated March 12, 1982, letters dated November 18, 1982 and May 5, 1983 and Application for Permit to Operate/Construct Air Pollution Sources dated June 11, 1982 (none are attached).

**LOCATED AT:** 660 Northeast 1 Road, Homestead, Dade County, Florida.

**TO SERVE:** An electric power generating facility (SIC # 4911).

**SUBJECT TO:** General Conditions 1-14 and Specific Conditions 1-9.

\*This permit is a renewal of permit no. AO 13-147940 issued August 2, 1988.

## GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
  - (a) Have access to and copy any records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in the permit, the permittee shall immediately notify and provide the Department with the following information:
  - (a) A description of and cause of noncompliance; and
  - (b) The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

GENERAL CONDITIONS:

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department, may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following :

- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically, unless otherwise stipulated by the Department.
- (b) The permittee shall hold at the facility or other location designated by this permit, records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
- (c) Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the date(s) analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used; and
  - the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

PERMITTEE:  
Mr. James L. Swartz  
City of Homestead  
675 North Flagler Avenue  
Homestead, Florida 33030

I.D. NUMBER: 50/DAD/13/0013/1-16  
PERMIT/CERTIFICATION NUMBER: AO 13-227815  
DATE OF ISSUE: APR 21 1993  
EXPIRATION DATE: May 1, 1998

SPECIFIC CONDITIONS:

1. Compliance testing shall be conducted for the sources covered by this permit by May 30, 1993 and annually thereafter in accordance with the methods specified below.
2. Emission limiting standard is as follows:

In accordance with Florida Administrative Code Rule 17-296.310(2) - no discharge of pollutant with opacity equal to or greater than 20 percent.

3. The compliance test report shall include results of tests by the following method:

<u>Source/Emission Point</u>	<u>Pollutant</u>	<u>Test Method</u>
Generators	Visible Emissions	EPA Method 9

The compliance test report shall be submitted to the Department in accordance with Florida Administrative Code (F.A.C.) Rule 17-297.330(1)(b).

4. Testing of emissions should be conducted using the fuel and/or process input which are expected to result in the highest emissions and within ten percent (10%) of the rated capacity of the source, otherwise the Department may require the test to be repeated or require modification of the permit to reflect tested rates and/or fuels.
5. The Department shall be notified of expected test dates at least fifteen (15) days prior to compliance testing.
6. On or before March 1 of each calendar year, a completed DER Form 17-210.900(4), Annual Operations Report Form for Air Emissions Sources shall be submitted to the Department.
7. Copies of all reports, tests, notifications or other submittals required by this permit shall be submitted to both the Department of Environmental Regulation, Southeast District Office and Dade County Environmental Resources Management.
8. Unit Number 3 shall be operated only in the dual fuel mode.

PERMITTEE:  
Mr. James L. Swartz  
City of Homestead  
675 North Flagler Avenue  
Homestead, Florida 33030

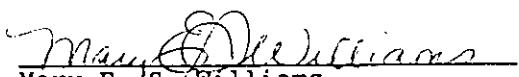
I.D. NUMBER: 50/DAD/13/0013/1-16  
PERMIT/CERTIFICATION NUMBER: AO 13-227815  
DATE OF ISSUE: **APR 21 1993**  
EXPIRATION DATE: May 1, 1998

SPECIFIC CONDITIONS:

9. The permittee shall be aware of and operate under the attached "General Permit Conditions #1 through 14". General Permit Conditions are binding upon the permittee and enforceable pursuant to Chapter 403 of the Florida Statutes.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION


  
Mary E. S. Williams  
Director of District Management  
F.D.E.R., Southeast District  
P.O. Box 15425  
West Palm Beach, FL 33416  
407/433-2650

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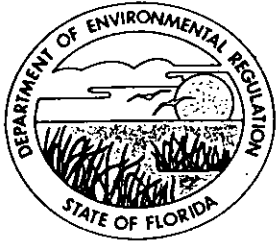
CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed by certified mail before the close of business on APR 21 1993 to the listed persons.  
Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to S.120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk

APR 21 1993  
Date



# Florida Department of Environmental Regulation

Southeast District • P.O. Box 15425 • West Palm Beach, Florida 33416

Lawton Chiles, Governor

1900 S. Congress Ave., Suite A

Virginia B. Wetherell, Secretary

Telephone: 407/433-2650

Fax: 407/433-2666

APR 21 1993

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF PERMIT ISSUANCE

FILE

CERTIFIED MAIL

In the Matter of an Application  
for Permit by:  
Mr. James L. Swartz /  
Superintendent, Power Supply Division /  
City of Homestead /  
675 North Flagler Avenue /  
Homestead, Florida 33030 /

DER File No. AO 13-227815  
Dade County

Enclosed is Permit Number AO 13-227815 to operate an air pollution source issued pursuant to Section 403.087, Florida Statutes.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of receipt of this Permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Mr. James L. Swartz  
City of Homestead  
Homestead, Florida 33030  
Page 2 of 2

DER Permit No. AO 13-227815

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



Mary E. S. Williams  
Director of District Management  
F.D.E.R., Southeast District  
P.O. Box 15425  
West Palm Beach, FL 33416  
407/433-2650

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on APR 21 1993 to the listed persons.

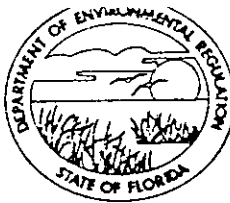
Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
(Clerk)

APR 21 1993  
(Date)

Copies furnished to: Dade County Environmental Resources Management



STATE OF FLORIDA  
**DEPARTMENT OF ENVIRONMENTAL REGULATION**  
SOUTH FLORIDA SUBDISTRICT

APIS # 50/13/0013/21

APPLICANT: Mr. H. C. Peters  
Director of Utilities  
City of Homestead  
790 Homestead Boulevard  
Homestead, FL 33030

PERMIT/CERTIFICATION  
NO. AC 13-29641

*DW 4/21/80*  
*Exp 12/1/81*

COUNTY: Dade  
PROJECT: Homestead, City of  
Power Plant Unit #21

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

To construct an air pollution source consisting of: A natural gas (dual fuel) diesel generator No. 21 rated at 6485 kw, emitting 0.59 lbs./hr. of particulates, 0.55 lbs./hr. of SO<sub>2</sub>, 174 lbs./hr. of NO<sub>2</sub> and 19.1 lbs./hr. of hydrocarbons. The maximum heat input is 53.96 MMBTU/hr. and the emissions are discharged to the atmosphere at approximately 40 feet above ground level.

In accordance with: Specifications contained in Application to Construct Air Pollution Sources dated March 12, 1980 (not attached).

Located at: 660 Northeast 1 Road, Homestead, Dade County, Florida.

UTM COORDINATES: Zone 17; 552.6 KmE., 2817.6 KmN.

Serving: An electric power generating facility (SIC #4911).

Subject to General Conditions 1 through 12 and Specific Conditions 1 through 4.



PERMIT NO.: AC 13-29641 - City of Homestead  
APPLICANT: Mr. H. C. Peters, Director of Utilities

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 13-29641 - City of Homestead  
APPLICANT: Mr. H. C. Peters, Director of Utilities

SPECIFIC CONDITIONS

1. Application for permit to operate to be submitted at least sixty (60) days prior to the expiration date of this permit.
2. The applicant shall continue the retention of the engineer-of-record for inspection of the construction of the plant. The Form DER 17-1.122(20) Certificate of Completion of Construction, satisfactorily completed, with a \$20.00 fee, may be submitted in lieu of an application for an operation permit.
3. The operation of this plant shall be tested for visible emissions in accordance with the Code of Federal Regulations 40 CFR Part 60 Appendix A, Method 9, entitled "Visual Determination of Opacity of Emissions from Stationary Sources." Reports shall be submitted to the Department of Environmental Regulation, South Florida Subdistrict Office and to Metropolitan Dade County Environmental Resources Management no later than twenty (20) days after completion of tests. The test results are required prior to our issuance of an operation permit.
4. Testing of emissions must be accomplished at approximately the rates as stated in the permit. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data.

Expiration Date: December 1, 1981

Issued this 21<sup>st</sup> day of April, 1980

\_\_\_\_\_ Pages Attached.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

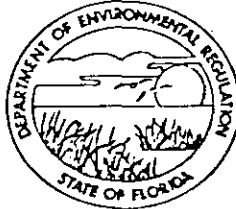


Signature

PAGE 3 OF 3

Warren G. Strahm  
Subdistrict Manager

3301 GUN CLUB ROAD  
P.O. BOX 3858  
WEST PALM BEACH, FLORIDA 33402



BOB GRAHAM  
GOVERNOR

JACOB D. VARN  
SECRETARY

WARREN G. STRAHM  
SUBDISTRICT MANAGER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION  
SOUTH FLORIDA SUBDISTRICT

April 21, 1980

Mr. H. C. Peters  
Director of Utilities  
City of Homestead  
790 Homestead Boulevard  
Homestead, Florida, 33030

AP - Dade County  
Homestead, City of  
Power Plant Unit #21

Dear Mr. Peters:

Enclosed is Permit Number AC 13-29641, dated April 21, 1980,  
to construct the subject pollution source, issued  
pursuant to Section 403.087, Florida Statutes.

Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code (copy enclosed). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

Roy M. Duke, P.E.  
Permitting Section Head

cc: Metro-Dade Co. Environmental  
Resources Management  
Tallahassee

Enclosure

RMD: mh

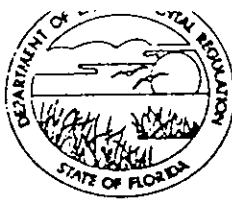
RULES OF THE ADMINISTRATION COMMISSION  
MODEL RULES OF PROCEDURE  
CHAPTER 28-5  
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only, and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
  - (a) The name and address of each agency affected and each agency's file or identification number, if known.
  - (b) The name and address of the petitioner or petitioners.
  - (c) All disputed issues of material fact. If there are none, the petition must so indicate.
  - (d) A concise statement of the ultimate facts alleged, and the rules, regulations, and constitutional provisions which entitle the petitioner to relief.
  - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action.
  - (f) A demand for the relief to which the petitioner deems himself entitled.
  - (g) Such other information which the petitioner contends is material.

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NOTE: At a formal hearing all parties shall have an opportunity to present evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of fact and orders, to file exceptions to any order or hearing officer's recommended order, and to be represented by counsel.



STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTH FLORIDA SUBDISTRICT APIS # 50/13/0013/20

APPLICANT: Mr. H. C. Peters  
Director of Utilities  
City of Homestead  
790 Homestead Boulevard  
Homestead, Florida 33030

PERMIT/CERTIFICATION  
NO. AC 13-29640

COUNTY: Dade

PROJECT:  
Homestead, City of  
Power Plant Unit #20

*Iss 4/21/80*  
*Exp 12/1/81*

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

To construct an air pollution source consisting of: A natural gas (dual fuel) diesel generator No. 20 rated at 6485 kw, emitting 0.59 lbs./hr. of particulates, 0.55 lbs./hr. of SO<sub>2</sub>, 174 lbs./hr. of NO<sub>2</sub> and 19.1 lbs./hr. of hydrocarbons. The maximum heat input is 53.96 MMBTU/hr. and the emissions are discharged to the atmosphere at approximately 40 feet above ground level.

In accordance with: Specifications contained in Application to Construct Air Pollution Sources dated March 12, 1980 (not attached).

Located at: 660 Northeast 1 Road, Homestead, Dade County, Florida

UTM COORDINATES: Zone 17; 552.6 KmE., 2817.6 KmN.

Serving: An electric power generating facility (SIC #4911).

Subject to General Conditions 1 through 12 and Specific Conditions 1 through 4.

PERMIT NO.: AC 13-29640 - City of Homestead  
APPLICANT: Mr. H. C. Peters, Director of Utilities

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions," and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.

3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.

4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.

6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.

7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.

8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.

9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.

10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.

11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.

12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

13. This permit also constitutes:

- Determination of Best Available Control Technology (BACT)
- Determination of Prevention of Significant Deterioration (PSD)
- Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 13-29 - City of Homestead  
APPLICANT Mr. H. C. Peters, Director of Utilities

SPECIFIC CONDITIONS

1. Application for permit to operate to be submitted at least sixty (60) days prior to the expiration date of this permit.
2. The applicant shall continue the retention of the engineer-of-record for inspection of the construction of the plant. The Form DER 17-1.122(20) Certificate of Completion of Construction satisfactorily completed, with a \$20.00 fee, may be submitted in lieu of an application for an operation permit.
3. The operation of this plant shall be tested for visible emissions in accordance with the Code of Federal Regulations 40 CFR Part 60, Appendix A, Method 9, entitled "Visual Determination of Opacity of Emissions from Stationary Sources." Reports shall be submitted to the Department of Environmental Regulation, South Florida Subdistrict Office and the Metropolitan Dade County Environmental Resources Management no later than twenty (20) days after completion of tests. The test results are required prior to our issuance of an operation permit.
4. Testing of emission must be accomplished at approximately the rates as stated in the permit. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data.

Expiration Date: December 1, 1981

Issued this 21<sup>st</sup> day of April, 1980

                     Pages Attached.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

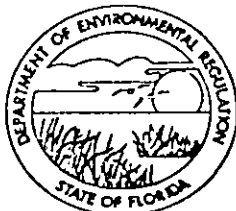


Signature

PAGE 3 OF 3

Warren G. Strahm  
Subdistrict Manager

3301 GUN CLUB ROAD  
P.O. BOX 3858  
WEST PALM BEACH, FLORIDA 33402



BOB GRAHAM  
GOVERNOR

JACOB D. VARN  
SECRETARY

WARREN G. STRAHM  
SUBDISTRICT MANAGER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

April 21, 1980

SOUTH FLORIDA SUBDISTRICT

Mr. H. C. Peters  
Director of Utilities  
City of Homestead  
790 Homestead Boulevard  
Homestead, Florida, 33030

AP - Dade County  
Homestead, City of  
Power Plant Unit #20

Dear Mr. Peters:

Enclosed is Permit Number AC 13-29640, dated April 21, 1980,  
to construct the subject pollution source, issued  
pursuant to Section 403.087, Florida Statutes.

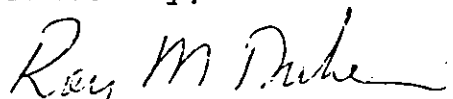
Should you object to this permit, including any and all of the conditions contained therein, you may file an appropriate petition for administrative hearing. This petition must be filed within fourteen (14) days of the receipt of this letter. Further, the petition must conform to the requirements of Section 28-5.15, Florida Administrative Code (copy enclosed). The petition must be filed with the Office of General Counsel, Department of Environmental Regulation, Twin Towers Office Building, 2600 Blair Stone Road, Tallahassee, Florida 32301.

If no petition is filed within the prescribed time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement action for violation of the conditions and requirements thereof.

Sincerely,

cc: Metro-Dade Co. Environmental  
Resources Management  
Tallahassee

  
Roy M. Duke, P.E.  
Permitting Section Head

RMD: mh  
Enclosure



RULES OF THE ADMINISTRATION COMMISSION  
MODEL RULES OF PROCEDURE  
CHAPTER 28-5  
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only, and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
  - (a) The name and address of each agency affected and each agency's file or identification number, if known.
  - (b) The name and address of the petitioner or petitioners.
  - (c) All disputed issues of material fact. If there are none, the petition must so indicate.
  - (d) A concise statement of the ultimate facts alleged, and the rules, regulations, and constitutional provisions which entitle the petitioner to relief.
  - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action.
  - (f) A demand for the relief to which the petitioner deems himself entitled.
  - (g) Such other information which the petitioner contends is material.

---

NOTE: At a formal hearing all parties shall have an opportunity to present evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of fact and orders, to file exceptions to any order or hearing officer's recommended order, and to be represented by counsel.



# Florida Department of Environmental Regulation

Southeast District • P.O. Box 15425 • West Palm Beach, Florida 33416

Lawton Chiles, Governor

1900 S. Congress Ave., Suite A

Virginia B. Washwell, Secretary

Telephone: 407/433-2650

Fax: 407/433-2666

APR 21 1993

**PERMITTEE:**  
Mr. James L. Swartz  
Superintendent, Power Supply Division  
City of Homestead  
675 North Flagler Avenue  
Homestead, Florida 33030

I.D. NUMBER: 50/DAD/13/0013/1-16  
PERMIT/CERTIFICATION NUMBER: AO 13-227815\*  
DATE OF ISSUE: APR 21 1993  
EXPIRATION DATE: May 1, 1998  
COUNTY: Dade  
LATITUDE/LONGITUDE: 25°28'24"N/80°27'53"W  
UTM: Zone 17; 552.5 Km. E; 2817.6 Km. N  
PROJECT: City of Homestead  
Municipal Power Plant

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule 17-210 and 296, and in conformance with all existing regulations of the Florida Department of Environmental Regulation. 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 Department and made a part hereof and specifically described as follows:

**OPERATE:** An air pollution source consisting of a municipal power plant operating sixteen (16) diesel generators burning #2 fuel oil and natural gas. The units are Numbers 2, 3, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 and 21. Emissions from the generators are discharged to the atmosphere at an average height of 50 feet above ground level.

**IN ACCORDANCE WITH:** Applications for Renewal of Permit to Operate Air Pollution Sources received March 2, 1993 and May 10, 1988, Certificate of Completion of Construction dated March 12, 1982, letters dated November 18, 1982 and May 5, 1983 and Application for Permit to Operate/Construct Air Pollution Sources dated June 11, 1982 (none are attached).

**LOCATED AT:** 660 Northeast 1 Road, Homestead, Dade County, Florida.

**TO SERVE:** An electric power generating facility (SIC # 4911).

**SUBJECT TO:** General Conditions 1-14 and Specific Conditions 1-9.

\*This permit is a renewal of permit no. AO 13-147940 issued August 2, 1988.

PERMITTEE:  
Mr. James L. Swartz  
City of Homestead  
675 North Flagler Avenue  
Homestead, Florida 33030

I.D. NUMBER: 50/DAD/13/0013/1-16  
PERMIT/CERTIFICATION NUMBER: 13-227815  
DATE OF ISSUE: APR 21 1993  
EXPIRATION DATE: May 1, 1998

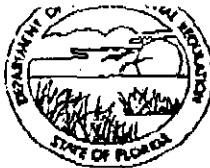
SPECIFIC CONDITIONS:

1. Compliance testing shall be conducted for the sources covered by this permit by May 30, 1993 and annually thereafter in accordance with the methods specified below.
2. Emission limiting standard is as follows:  
  
In accordance with Florida Administrative Code Rule 17-296.310(2) - no discharge of pollutant with opacity equal to or greater than 20 percent.
3. The compliance test report shall include results of tests by the following method:
 

<u>Source/Emission Point</u>	<u>Pollutant</u>	<u>Test Method</u>
Generators	Visible Emissions	EPA Method 9

The compliance test report shall be submitted to the Department in accordance with Florida Administrative Code (F.A.C.) Rule 17-297.330(1)(b).
4. Testing of emissions should be conducted using the fuel and/or process input which are expected to result in the highest emissions and within ten percent (10%) of the rated capacity of the source, otherwise the Department may require the test to be repeated or require modification of the permit to reflect tested rates and/or fuels.
5. The Department shall be notified of expected test dates at least fifteen (15) days prior to compliance testing.
6. On or before March 1 of each calendar year, a completed DER Form 17-210.900(4), Annual Operations Report Form for Air Emissions Sources shall be submitted to the Department.
7. Copies of all reports, tests, notifications or other submittals required by this permit shall be submitted to both the Department of Environmental Regulation, Southeast District Office and Dade County Environmental Resources Management.
8. Unit Number 3 shall be operated only in the dual fuel mode.

3301 SUN CLUB ROAD  
P.O. BOX 3358  
WEST PALM BEACH, FLORIDA 33402



BOB GRAHAM  
GOVERNOR

JACOB D. VARN  
SECRETARY

WARREN G. STRAHM  
SUBDISTRICT MANAGER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTH FLORIDA SUBDISTRICT APIS # 50/13/0013/20

APPLICANT: Mr. H. C. Peters  
Director of Utilities  
City of Homestead  
790 Homestead Boulevard  
Homestead, Florida 33030

PERMIT/CERTIFICATION  
NO. AC 13-29640

COUNTY: Dade

PROJECT:  
Homestead, City of  
Power Plant Unit #20

*Iss 4/21/80*  
*Exp 12/1/81*

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

To construct an air pollution source consisting of: A natural gas (dual fuel) diesel generator No. 20 rated at 6485 kw, emitting 0.59 lbs./hr. of particulates, 0.55 lbs./hr. of SO<sub>2</sub>, 174 lbs./hr. of NO<sub>x</sub> and 19.1 lbs./hr. of hydrocarbons. The maximum heat input is 53.96 MMBTU/hr. and the emissions are discharged to the atmosphere at approximately 40 feet above ground level.

In accordance with: Specifications contained in Application to Construct Air Pollution Sources dated March 12, 1980 (not attached).

Located at: 660 Northeast 1 Road, Homestead, Dade County, Florida

UTM COORDINATES: Zone 17, 552.6 KmE., 2817.6 KmN.

Serving: An electric power generating facility (SIC #4911).

Subject to General Conditions 1 through 12 and Specific Conditions 1 through 4.

PAGE 1 OF 3

PERMIT NO.: AC 13-29 - City of Homestead  
APPLICANT Mr. H. C. Peters, Director of Utilities

SPECIFIC CONDITIONS

1. Application for permit to operate to be submitted at least sixty (60) days prior to the expiration date of this permit.
2. The applicant shall continue the retention of the engineer-of-record for inspection of the construction of the plant. The Form DER 17-1.122(20) Certificate of Completion of Construction satisfactorily completed, with a \$20.00 fee, may be submitted in lieu of an application for an operation permit.
3. The operation of this plant shall be tested for visible emissions in accordance with the Code of Federal Regulations 40 CFR Part 60, Appendix A, Method 9, entitled "Visual Determination of Opacity of Emissions from Stationary Sources." Reports shall be submitted to the Department of Environmental Regulation, South Florida Subdistrict Office and the Metropolitan Dade County Environmental Resources Management no later than twenty (20) days after completion of tests. The test results are required prior to our issuance of an operation permit.
4. Testing of emission must be accomplished at approximately the rates as stated in the permit. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data.

*Handwritten notes:*  
4/11/81  
10/1/81

Expiration Date: December 1, 1981

Issued this 21<sup>st</sup> day of April, 1980

                     Pages Attached.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION



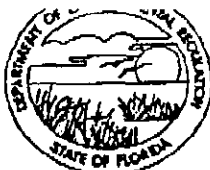
Signature

PAGE 3 OF 3

Warren G. Strahm  
Subdistrict Manager

*Handwritten note:*  
4/11/81

3901 GOLF CLUB ROAD  
P.O. BOX 3658  
WEST PALM BEACH, FLORIDA 33402



BUS UHAYAN  
GOVERNOR

JACOB D. VARN  
SECRETARY

WARREN G. STRAHM  
SUBDISTRICT MANAGER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTH FLORIDA SUBDISTRICT

APIS # 50/13/0013/21

APPLICANT: Mr. H. C. Peters  
Director of Utilities  
City of Homestead  
790 Homestead Boulevard  
Homestead, FL 33030

PERMIT/CERTIFICATION  
NO. AC 13-29641

COUNTY: Dade

PROJECT: Homestead, City of

Power Plant Unit #21

*DWS 4/21/80*  
*Exp 12/1/81*

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

To construct an air pollution source consisting of: A natural gas (dual fuel) diesel generator No. 21 rated at 6485 kw, emitting 0.59 lbs./hr. of particulates, 0.55 lbs./hr. of SO<sub>2</sub>, 174 lbs./hr. of NO<sub>2</sub> and 19.1 lbs./hr. of hydrocarbons. The maximum heat input is 53.96 MMBTU/hr. and the emissions are discharged to the atmosphere at approximately 40 feet above ground level.

In accordance with: Specifications contained in Application to Construct Air Pollution Sources dated March 12, 1980 (not attached).

Located at: 660 Northeast 1 Road, Homestead, Dade County, Florida.

UTM COORDINATES: Zone 17; 552.6 KmE., 2817.6 KmN.

Serving: An electric power generating facility (SIC #4911).

Subject to General Conditions 1 through 12 and Specific Conditions 1 through 4.

PAGE 1 OF 3

PERMIT NO.: AC 13-29641 - City of Homestead  
APPLICANT: Mr. H. C. Peters, Director of Utilities

SPECIFIC CONDITIONS

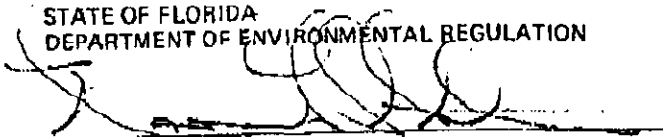
1. Application for permit to operate to be submitted at least sixty (60) days prior to the expiration date of this permit.
2. The applicant shall continue the retention of the engineer-of-record for inspection of the construction of the plant. The Form DER 17-1.122(20) Certificate of Completion of Construction, satisfactorily completed, with a \$20.00 fee, may be submitted in lieu of an application for an operation permit.
3. The operation of this plant shall be tested for visible emissions in accordance with the Code of Federal Regulations 40 CFR Part 60 Appendix A, Method 9, entitled "Visual Determination of Opacity of Emissions from Stationary Sources." Reports shall be submitted to the Department of Environmental Regulation, South Florida Subdistrict Office and to Metropolitan Dade County Environmental Resources Management no later than twenty (20) days after completion of tests. The test results are required prior to our issuance of an operation permit.
4. Testing of emissions must be accomplished at approximately the rates as stated in the permit. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data.

Expiration Date: December 1, 1981

Issued this 21<sup>st</sup> day of April, 1980

Pages Attached.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION



Signature

PAGE 3 OF 3

Warren G. Strahm  
Subdistrict Manager



**Acid Rain Program  
U.S. Environmental Protection Agency**

**Fax Cover Sheet**

To: Tom Cascio

Phone:

Fax: 850 922 6979

Date:

From: Janice Wagner

Phone: 202 564 9118

Fax:

Pages (incl. cover sheet): 2

I couldn't get to the library - this is what we  
sent to the Federal Register.

The EPA is taking steps to ensure that no disruptions in service or environmental protection occur when our data systems encounter the year 2000. Contact us with questions about how you too can prepare your Acid Rain Program technologies for Year 2000 Compliance.

For more information about the Acid Rain Program,  
visit our web site at [www.epa.gov/acidrain](http://www.epa.gov/acidrain), or  
call the Hotline at (202) 564-9620.



Table 2 - Phase II Allowance Allocations								
State	Plant Name	Boiler1	Allowances for Years 2000-2009				Years 2010 and Beyond	
			(A) Auction Reserve Deduction	(B) Repower- ing Deduction	(C)2 Total Annual Phase II	(D) 1993-1998 Auction Deduction	(E) Auction Reserve Deduction	(F)3 Total Annual Phase II
FL	G E Turner	4	18	0	611	18	18	611
FL	Henry D King	7	2	0	63	2	2	65
FL	Henry D King	8	0	0	26	0	1	34
FL	Higgins	1	12	0	423	12	12	423
FL	Higgins	2	14	0	475	14	14	475
FL	Higgins	3	13	0	969	13	13	434
FL	Hookers Point	HB01	4	0	177	4	4	177
FL	Hookers Point	HB02	5	0	207	5	5	205
FL	Hookers Point	HB03	13	0	469	13	13	468
FL	Hookers Point	HB04	20	0	701	20	20	702
FL	Hookers Point	HB05	36	0	1253	36	36	1252
FL	Hookers Point	HB06	14	0	478	14	14	478
FL	Indian River	**C	0	0	0	0	0	0
FL	Indian River	**D	19	0	639	18	18	640
FL	Indian River	1	35	0	1192	34	34	1194
FL	Indian River	2	48	0	1569	45	45	1572
FL	Indian River	3	106	1	3646	105	106	3652
FL	Intercession City	**10	20	0	705	20	20	706
FL	Intercession City	**7	20	0	705	20	20	706
FL	Intercession City	**8	20	0	705	20	20	706
FL	Intercession City	**9	20	0	705	20	20	706
FL	J D Kennedy	10	57	1	1975	57	57	1980
FL	J D Kennedy	8	6	0	196	6	6	196
FL	J D Kennedy	9	16	0	553	16	16	553
FL	J R Kelly	JRK8	1	0	58	1	2	67
FL	Lansing Smith	1	188	2	6476	187	188	6489
FL	Lansing Smith	2	221	2	7601	220	220	7616
FL	Larsen Memorial	**8	19	0	665	19	19	666
FL	Larsen Memorial	**9	0	0	0	0	0	0
FL	Larsen Memorial	7	9	0	307	9	9	308
FL	Lauderdale	4GT1	28	0	948	27	27	950
FL	Lauderdale	4GT2	28	0	948	27	27	950
FL	Lauderdale	5GT1	28	0	948	27	27	950
FL	Lauderdale	5GT2	28	0	948	27	27	950
FL	Manatee	PMT1	400	4	13773	398	399	13799
FL	Manatee	PMT2	368	4	12697	367	366	12716
FL	Martin	HRSG3A	37	0	1275	37	37	1277
FL	Martin	HRSG3B	37	0	1275	37	37	1277
FL	Martin	HRSG4A	37	0	1275	37	37	1277
FL	Martin	HRSG4B	37	0	1275	37	37	1277
FL	Martin	PMR1	148	2	5092	147	147	5102
FL	Martin	PMR2	175	2	6039	175	175	6049
FL	NA 1 - 7238	**1	0	0	0	0	0	0
FL	Northside	1	142	2	6222	141	142	4897
FL	Northside	2	30	0	6268	30	30	1048