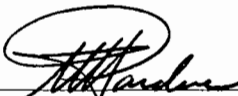



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**BUREAU OF
AIR REGULATION**

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: W. Jeffrey Pardue, CEP Dir. Environmental Service Dept	
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Florida Power Corporation Street Address: 3201 34th St. So. City: St. Petersburg State: FL Zip Code: 33711	
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (813) 866-4387 Fax: (813) 866-4926	
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i> <div style="display: flex; justify-content: space-between;"><div>Signature </div><div>Date <u>7/11/97</u></div></div> <div style="text-align: right;"></div>	

* Attach letter of authorization if not currently on file.

Scope of Application

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID	Description of Emissions Unit	Permit Type
Unit # Unit ID		
1R	Diesel Generator(s)	
<p style="text-align: center;"><i>Charles,</i> <i>As we discussed,</i> <i>this is a copy of an</i> <i>application to change</i> <i>the language for the</i> <i>diesel generator permit.</i> <i>SEA</i></p>		
<p>See individual Emissions Unit (EU) sections for more detailed descriptions. Multiple EU IDs indicated with an asterisk (*). Regulated EU indicated with an "R".</p>		

Purpose of Application and Category

Check one (except as otherwise indicated):

Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain:

- ☐ Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
- ☐ Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- ☐ Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: _____

- ☐ Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit to be renewed: _____

- ☐ Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: _____

- ☐ Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: _____

Reason for revision: _____

Category II: All Air Construction Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.

This Application for Air Permit is submitted to obtain:

- ☐ Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s): _____

- ☐ Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: _____

- ☐ Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit to be revised: _____

Reason for revision: _____

Category III: All Air Construction Permit Applications for All Facilities and Emissions Units.

This Application for Air Permit is submitted to obtain:

- ☐ Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any: _____

- ☒ Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s): _____
see App.Comment

- ☐ Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one:

☒ Attached - Amount: \$ \$ 250.00

☐ Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations:

The existing air operating permit and the initial construction permit authorized the use of three relocatable diesel generators. A federally enforceable limit on fuel flow was established to avoid new source review. FPC requests revisions to the permits to allow a single diesel generator or multiple diesel generators to be used under this authorization with a maximum fuel rate and hours of operation consistent with the previous permits.

2. Projected or Actual Date of Commencement of Construction :

3. Projected Date of Completion of Construction :

Professional Engineer Certification

1. Professional Engineer Name: **Kennard F. Kosky**

Registration Number: **14996**

2. Professional Engineer Mailing Address:

Organization/Firm: **Golder Associates Inc.**

Street Address: **6241 NW 23rd Street, Suite 500**

City: **Gainesville**

State: **FL**

Zip Code: **32653-1500**

3. Professional Engineer Telephone Numbers:

Telephone: **(352) 336-5600**

Fax: **(352) 336-6603**

4. Professional Engineer's Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [X] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Thomas F. Kelly

Signature

(seal)

2 July 1997

Date

Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact: Scott H. Osbourn, Senior Environmental Engineer
2. Application Contact Mailing Address: Organization/Firm: Florida Power Corporation Street Address: 3201 34th St. So. City: St. Petersburg State: FL Zip Code: 33711
3. Application Contact Telephone Numbers: Telephone: (813) 866-5158 Fax: (813) 866-4926

Application Comment

<p>Current Operation Permit Number(s): AO09-205952 and AC09-202080; to change physical description of emission units.</p>
--

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: East (km): North (km):			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): / / Longitude: (DD/MM/SS): / /			
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 49
7. Facility Comment (limit to 500 characters): Diesel generators located as necessary at the following plant locations: 1) Crystal River, Powerline Rd, Red Level, Citrus Cty; 2) Anclote, Anclote Rd, W of Alt.19, Tarpon Spgs, Pasco Cty; 3) Bartow, Weedon Is, St.Petersburg, Pinellas Cty; 4) Higgins, Shore Dr, Oldsmar, Pinellas Cty; 5) Bayboro, 13th Ave & 2nd St. S, St.Petersburg, Pinellas Cty; 6) Wildwood Reclamation Facility, St Rd 462, 1 mi E of US 301, Wildwood, Sumter Cty; 7) future Polk Cty Site, Co Rd 555, 1 mi SW of Homeland, Polk Cty.			

Facility Contact

1. Name and Title of Facility Contact: various			
2. Facility Contact Mailing Address: Organization/Firm: Street Address: City: State: Zip Code:			
3. Facility Contact Telephone Numbers: Telephone: Fax:			

Facility Regulatory Classifications

1. Small Business Stationary Source? [] Yes [x] No [] Unknown
2. Title V Source? [] Yes [x] No
3. Synthetic Non-Title V Source? [] Yes, [x] No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? [] Yes [x] No
5. Synthetic Minor Source of Pollutants Other than HAPs? [] Yes [x] No
6. Major Source of Hazardous Air Pollutants (HAPs)? [] Yes [x] No
7. Synthetic Minor Source of HAPs? [] Yes [x] No
8. One or More Emissions Units Subject to NSPS? [] Yes [x] No
9. One or More Emissions Units Subject to NESHAP? [] Yes [x] No
10. Title V Source by EPA Designation? [] Yes [x] No
11. Facility Regulatory Classifications Comment (limit to 200 characters):

B. FACILITY REGULATIONS

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

Not Applicable

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

Not Applicable

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information:

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hr)	(tons/yr)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

Facility Pollutant Detail Information:

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hr)	(tons/yr)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Facility Plot Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input type="checkbox"/> Attached, Document ID(s): _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
8. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input type="checkbox"/> Not Applicable
9. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
10. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

11. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
12. Compliance Assurance Monitoring Plan: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
13. Risk Management Plan Verification: <input type="checkbox"/> Plan Submitted to Implementing Agency - Verification Attached Document ID: _____ <input type="checkbox"/> Plan to be Submitted to Implementing Agency by Required Date <input type="checkbox"/> Not Applicable
14. Compliance Report and Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
15. Compliance Statement (Hard-copy Required) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

**A. TYPE OF EMISSIONS UNIT
(Regulated and Unregulated Emissions Units)****Type of Emissions Unit Addressed in This Section**

1. Regulated or Unregulated Emissions Unit? Check one:

- ☒ The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.
- ☐ The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

- ☐ This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).
- ☒ This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.
- ☐ This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

B. GENERAL EMISSIONS UNIT INFORMATION
(Regulated and Unregulated Emissions Units)**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Diesel generators rated up to maximum of 2,460 KW (2.46 MW)		
2. Emissions Unit Identification Number: [] No Corresponding ID [x] Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [] Yes [x] No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): Generators may be located at one of seven FPC plants.		

Emissions Unit Control Equipment Information**A.**

1. Description (limit to 200 characters):
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C. EMISSIONS UNIT DETAIL INFORMATION (Regulated Emissions Units Only)

Emissions Unit Details

1. Initial Startup Date:		
2. Long-term Reserve Shutdown Date:		
3. Package Unit: Manufacturer: various		Model Number: will vary
4. Generator Nameplate Rating:		MW
5. Incinerator Information:		
Dwell Temperature:		°F
Dwell Time:		seconds
Incinerator Afterburner Temperature:		°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	26	mmBtu/hr
2. Maximum Incineration Rate:	lbs/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Operating Capacity Comment (limit to 200 characters):		
<p>Maximum Heat Input: 25.74(rounded to 26). Hours of operation is sum of individual hours of each generator, not to exceed 2,970 hr/yr. Generator Nameplate Rating: not to exceed 2.46 MW.</p>		

Emissions Unit Operating Schedule

1. Requested Maximum Operating Schedule:		
	hours/day	days/week
	weeks/yr	2,970 hours/yr

D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

Rule Applicability Analysis (Required for Category II Applications and Category III applications involving non Title-V sources. See Instructions.)

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

See Attachment EU1-D

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)****Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram:		
2. Emission Point Type Code: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:		
5. Discharge Type Code: <input type="checkbox"/> D <input type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input checked="" type="checkbox"/> V <input type="checkbox"/> W		
6. Stack Height:	15	feet
7. Exit Diameter:	1	feet
8. Exit Temperature:	1,004	°F

9. Actual Volumetric Flow Rate:	7,283 acfm
10. Percent Water Vapor:	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates:	
Zone:	East (km): North (km):
14. Emission Point Comment (limit to 200 characters):	
Representative of typical 820 KW diesel generators. Actual stack parameters will vary depending upon manufacturer and model.	

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)**Segment Description and Rate:** Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Internal combustion engine, industrial, distillate oil(diesel)	
2. Source Classification Code (SCC): 2-02-001-02	
3. SCC Units: Thousand gallons burned	
4. Maximum Hourly Rate: 186.3	5. Maximum Annual Rate: 553
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 0.5	8. Maximum Percent Ash: 0
9. Million Btu per SCC Unit: 138	
10. Segment Comment (limit to 200 characters): Max annual rate based on 2,970 hours. Maximum Percent Ash: 0.01(rounded to 0). Million Btu per SCC Unit: 138.24(rounded to 138).	

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
SO2			EL
NOX			NS
CO			NS

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**Pollutant Detail Information:**

1. Pollutant Emitted: SO2	
2. Total Percent Efficiency of Control: %	
3. Potential Emissions:	1341 lb/hour 19.91 tons/year
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive/Other Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/yr	
6. Emission Factor: 0.5 %Sulfur content Reference: Permit Limit	
7. Emissions Method Code: [] 0 [] 1 [] 2 [] 3 [] 4 <input checked="" type="checkbox"/> 5	
8. Calculation of Emissions (limit to 600 characters): From manufacturer	
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Potential emissions based on maximum allowable fuel flow (lb/hr) and 2,970 hr/yr (TPY).	

Emissions Unit Information Section 1 of 1
Allowable Emissions (Pollutant identified on front page)

Diesel Generator(s)

Sulfur Dioxide

A.

1. Basis for Allowable Emissions Code: OTHER		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 0.5 %Sulfur Content		
4. Equivalent Allowable Emissions:	1341 lb/hour	19.91 tons/year
5. Method of Compliance (limit to 60 characters): Fuel Analysis		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): Permit Limit.		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)****Visible Emissions Limitations:** Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype: VE20
2.	Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: 20 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance: EPA Method 9, Annual
5.	Visible Emissions Comment (limit to 200 characters): Rule 62-296.320(4)(b)1.

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**Continuous Monitoring System** Continuous Monitor 1 of 1

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

Continuous Monitoring System Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

- ☐ The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
- ☐ The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.
- ☐ The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.
- ☒ For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
- ☐ None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

- ☐ The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- ☐ The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.
- ☐ The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.
- ☒ For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.
- ☐ None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:			
PM	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
SO ₂	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
NO ₂	<input checked="" type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> Unknown
4. Baseline Emissions:			
PM	lb/hour	tons/year	
SO ₂	lb/hour	tons/year	
NO ₂		tons/year	
5. PSD Comment (limit to 200 characters):			

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)****Supplemental Requirements for All Applications**

1.	Process Flow Diagram		
<input checked="" type="checkbox"/>	Attached, Document ID: <u>EU1-L1</u>	<input type="checkbox"/>	Waiver Requested
<input type="checkbox"/>	Not Applicable		
2.	Fuel Analysis or Specification		
<input checked="" type="checkbox"/>	Attached, Document ID: <u>EU1-L2</u>	<input type="checkbox"/>	Waiver Requested
<input type="checkbox"/>	Not Applicable		
3.	Detailed Description of Control Equipment		
<input type="checkbox"/>	Attached, Document ID: _____	<input type="checkbox"/>	Waiver Requested
<input checked="" type="checkbox"/>	Not Applicable		
4.	Description of Stack Sampling Facilities		
<input type="checkbox"/>	Attached, Document ID: _____	<input type="checkbox"/>	Waiver Requested
<input checked="" type="checkbox"/>	Not Applicable		
5.	Compliance Test Report		
<input type="checkbox"/>	Attached, Document ID: _____	<input checked="" type="checkbox"/>	Not Applicable
<input type="checkbox"/>	Previously Submitted, Date: _____		
6.	Procedures for Startup and Shutdown		
<input type="checkbox"/>	Attached, Document ID: _____	<input checked="" type="checkbox"/>	Not Applicable
7.	Operation and Maintenance Plan		
<input type="checkbox"/>	Attached, Document ID: _____	<input checked="" type="checkbox"/>	Not Applicable
8.	Supplemental Information for Construction Permit Application		
<input type="checkbox"/>	Attached, Document ID: _____	<input checked="" type="checkbox"/>	Not Applicable
9.	Other Information Required by Rule or Statute		
<input type="checkbox"/>	Attached, Document ID: _____	<input checked="" type="checkbox"/>	Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation
<input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading)
<input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements
<input checked="" type="checkbox"/> Attached, Document ID: EU1-L12 <input type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan
<input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Permit Application (Hard Copy Required)
<input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____
<input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____
<input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____
<input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____
<input checked="" type="checkbox"/> Not Applicable

ATTACHMENT EU1-D
EMISSION UNIT REGULATIONS

ATTACHMENT EU1-D

EMISSION UNIT REGULATIONS

Applicable Requirements Listing - Power Plants Non-Acid/NSPS Rain Units

EMISSION UNIT ID: EU1:

FDEP Rules:

Stationary Sources-General:

- 62-210.700(1) - Excess Emissions (startup/shutdown/malfunction)
- 62-210.700(4) - Poor Maintenance
- 62-210.700(6) - Notification

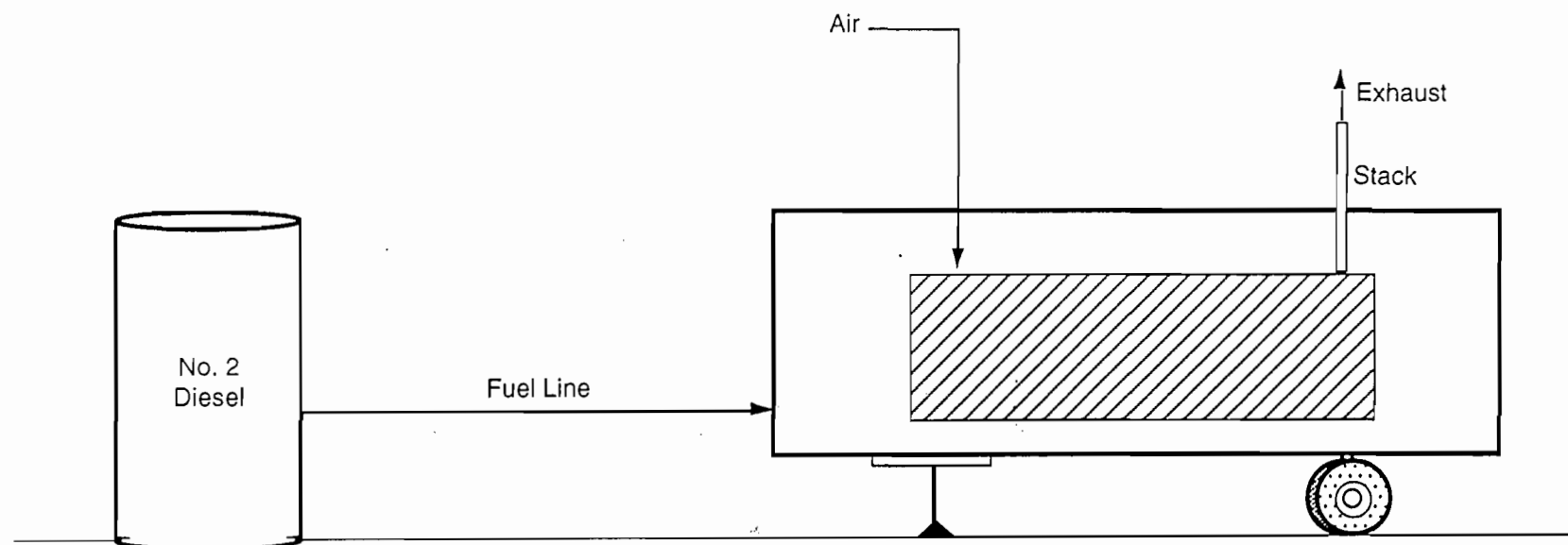
Stationary Sources-Emission Standards/RACT:

- 62-296.320(4)(b) - General VE Standard

Stationary Sources-Emission Monitoring:

- 62-297.310(2)(a) - Operating Rate; reserved for CTs
- 62-297.310(4)(a)2. - Applicable Test Procedures; Sampling time
- 62-297.310(5) - Determination of Process Variables
- 62-297.310(7)(a)3. - Permit Renewal Test Required
- 62-297.310(7)(a)4. - FDEP Notification - 15 days
- 62-297.310(7)(a)9. - FDEP Notification - 15 days
- 62-297.310(8) - Test Reports

ATTACHMENT EU1-L1
PROCESS FLOW DIAGRAM



Attachment EU1-L1
Flow Diagram of Diesel Engine/Generator Set



ATTACHMENT EU1-L12

**IDENTIFICATION OF ADDITIONAL APPLICABLE REQUIREMENTS
AND SUGGESTED PERMIT CHANGES**



Florida Department of Environmental Regulation

Southwest District

4520 Oak Fair Boulevard

Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

PERMITTEE:

Florida Power Corporation
P.O. Box 14042
St. Petersburg, FL 33733

PERMIT/CERTIFICATION

Permit No: AO09-205952
Counties: Citrus, Pasco,
Pinellas, Polk, Sumter
Expiration Date: 03/31/97
Project: ~~Three 820 Kilowatt~~ Relocatable
Diesel Generators

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. 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:

25.74 one to rated at a maximum total of 2,460 kW (2.46 MW).
For the operation of ~~three Caterpillar Model 3508-DITA 820~~
~~kilowatt diesel generators,~~ The maximum ^{rated} heat input rate ~~to each~~
~~diesel generator~~ is ~~2.58~~ million Btu per hour ~~(62.7~~ gallons of *186.3*
diesel fuel per hour). The diesel generators burn new/virgin No.
2 diesel fuel oil with a maximum sulfur content of 0.5% by
weight. The diesel generators may be located at any Florida
Power Corporation facility listed below.

- Locations:
- (1) The Crystal River Plant, Powerline Road, Red Level, Citrus County.
 - (2) The Anclote Plant, Anclote Road, west of Alternate 19, Tarpon Springs, Pasco County.
 - (3) The Bartow Plant, Weedon Island, St. Petersburg, Pinellas County.
 - (4) The Higgins Plant, Shore Drive, Oldsmar, Pinellas County.
 - (5) The Bayboro Plant, 13th Ave. & 2nd St. South, St. Petersburg, Pinellas County.
 - (6) The Wildwood Reclamation Facility, State Road 462, 1 mile east of U.S. 301, Wildwood, Sumter County.
 - (7) The future FPC Polk County Site, County Road 555, 1 mile southwest of Homeland, Polk County.

UTM: 17-334.4 E 3204.2 N NEDS NO: 0004 Point ID: 12
(Original Citrus County Location)

Replaces Permit No.: AC09-202080

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AO09-205952
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Visible emissions from each diesel generator shall not be equal to or greater than 20% opacity.
[Rule 17-2.610(2)(a), F.A.C.].
3. Florida Power Corporation shall not discharge air pollutants which cause or contribute to an objectionable odor.
[Rule 17-2.620(2), F.A.C.].
4. The hours of operation expressed as "engine-hours" shall not exceed 2,970 in any consecutive 12 month period. The hours of operation expressed as "engine-hours" shall be the summation of the individual hours of operation of each diesel generator.
[Permit AC09-202080].
5. Florida Power Corporation is permitted to burn only new/virgin No. 2 diesel fuel oil with a maximum sulfur content of 0.5% by weight in the diesel generators. [Permit AC09-202080].
6. ^{total} The ^{all} heat input rate to ⁵ ~~each~~ diesel generator shall not exceed ^{25.74} ~~8.58~~ million Btu per hour (^{186.3} ~~62.1~~ gallons per hour).
[Permit AC09-202080].
7. Florida Power Corporation shall notify the Department, in writing, at least 15 days prior to the date on which any diesel generator is to be relocated. The notification shall specify,
 - (A) which diesel generator, by serial number, is being relocated,
 - (B) which location the diesel generator is being relocated from,
 - (C) which location the diesel generator is being relocated to, and
 - (D) the approximate startup date at the new location.

If a diesel generator is to be relocated within Pinellas County, then Florida Power Corporation shall provide the same notification to the Air Quality Division of the Pinellas County Department of Environmental Management.
[Rule 17-4.070(3), F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: A009-205952
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

8. Test each diesel generator for ^{relocation date.} the following pollutants on an annual basis within 30 days of the ~~date October 25~~. The test reports shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of testing. A copy of the test reports shall be submitted to the Air Quality Division of the Pinellas County Department of Environmental Management for each diesel generator located in Pinellas County. [Rules 17-2.700(2)(a)1. and 17-2.700(7), F.A.C.].

- (X) Opacity
- (X) Fuel Sulfur Analysis

9. After each relocation, test each relocated diesel generator for the following pollutants within 30 days of startup. The test reports shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of testing. A copy of the test reports shall be submitted to the Air Quality Division of the Pinellas County Department of Environmental Management for each diesel generator located in Pinellas County. [Rules 17-4.070(3), 17-2.700(2)(a)1. and 17-2.700(7), F.A.C.].

- (X) Opacity
- (X) Fuel Sulfur Analysis

10. Compliance with the emission limitation of specific condition #2 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A, and adopted by reference in Rule 17-2.700, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60.

11. Testing of each diesel generator emissions must be accomplished while operating the diesel generator within $\pm 10\%$ of the maximum fuel firing rate ⁱⁿ of ~~62.1~~ gallons per hour. Failure to submit the actual operating rate may invalidate the test. [Rule 17-4.070(3), F.A.C.].

12. Florida Power Corporation shall notify the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted. For each diesel generator located in Pinellas County, Florida Power Corporation shall provide the same notification to the Air Quality Division of the Pinellas County Department of Environmental Management. [Rule 17-2.700(2)(a)9., F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AO09-205952
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

13. Compliance with specific condition #4 shall be documented by record keeping. At a minimum, the records shall indicate the daily hours of operation for each individual diesel generator, the daily hours of operation expressed as "engine-hours", and a cumulative total hours of operation expressed as "engine-hours" for each month. The records shall be maintained for a minimum of 2 years and made available to the Department or the Pinellas County Department of Environmental Management upon request. [Rule 17-4.070(3), F.A.C.].

14. In order to document continuing compliance with specific condition #5, records of the sulfur content, in percent by weight, of all the fuel burned shall be kept based on either vendor provided as-shipped analyses or on analyses of as-received samples. The records shall be maintained for a minimum of 2 years and shall be made available to the Department or the Pinellas County Department of Environmental Management upon request. [Rule 17-4.070(3), F.A.C.].

15. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 17-2.610(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling.

16. Issuance of this permit does not relieve Florida Power Corporation from complying with applicable emission limiting standards or other requirements of Chapter 17-2, or any other requirements under federal, state, or local law. [Rule 17-2.210, F.A.C.].

17. Construction permit number AC09-202080 might have been subject to the new source review (NSR) requirements of Rule 17-2.500, F.A.C. if any of the federally enforceable limits in the permit had been relaxed. If Florida Power Corporation requests relaxation of any of the federally enforceable limits, then the Department will determine whether the NSR requirements of Rule 17-2.500, F.A.C. shall apply as though construction had not yet commenced. [Rule 17-2.500(2)(g), F.A.C.].

PERMITTEE:

Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION

Permit No: A009-205952
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

18. Florida Power Corporation shall submit, for these diesel generators, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Section 403.061(13), Florida Statutes.

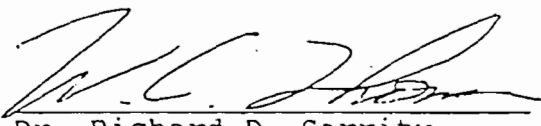
- (A) The location of each diesel generator, by serial number, at the end of the preceding calendar year.
- (B) The annual amount of fuel burned in each diesel generator, by serial number.
- (C) The annual hours of operation of each diesel generator, by serial number.
- (D) The annual hours of operation expressed in "engine-hours", as defined in specific condition 4.
- (E) A copy of the fuel sulfur content records required by specific condition 14 for the preceding calendar year.
- (F) Annual emissions of particulate, PM_{10} , carbon monoxide, SO_2 , and NO_x based upon actual diesel generator operation and fuel use (provide a copy of the calculation sheets and the basis for the calculations).
- (G) Any changes in the information contained in the permit application.

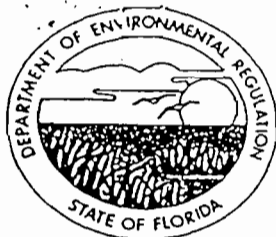
If any diesel generator operated within Pinellas County at any time during the preceding calendar year, then Florida Power Corporation shall provide a copy of the emission report to the Air Quality Division of the Pinellas County Department of Environmental Management.

19. Three applications to renew this operation permit shall be submitted to the Department of Environmental Regulation, and one copy shall be submitted to the Air Quality Division of the Pinellas County Department of Environmental Management, by January 30, 1997.

[Rules 17-4.090 and 17-4.050(2), F.A.C. and Pinellas County Ordinance 89-70 as amended by 90-63, Subpart 2.210].

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Dr. Richard D. Garrity
Director of District Management



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

PERMITTEE:
Florida Power Corporation
P.O. Box 14042
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Counties: Citrus, Pasco
Pinellas, Polk, Sumter
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

RECEIVED

APR 28 1992

Environmental Svcs
Department

Issued: 10/07/91
Amended: 04/27/92

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. 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:

For construction (installation) of three Caterpillar Model 3508-DITA 820 kilowatt diesel generators. The maximum heat input rate to each diesel generator will be 8.58 million Btu per hour (62.1 gallons of diesel fuel per hour). The diesel generators will burn new/virgin No. 2 diesel fuel oil with a maximum sulfur content of 0.5% by weight. The diesel generators may be located at any Florida Power Corporation facility listed below.

- Locations:
- (1) The Crystal River Plant, Powerline Road, Red Level, Citrus County.
 - (2) The Anclote Plant, Anclote Road, west of Alternate 19, Tarpon Springs, Pasco County.
 - (3) The Bartow Plant, Weedon Island, St. Petersburg, Pinellas County.
 - (4) The Higgins Plant, Shore Drive, Oldsmar, Pinellas County.
 - (5) The Bayboro Plant, 13th Ave. & 2nd St. South, St. Petersburg, Pinellas County.
 - (6) The Wildwood Reclamation Facility, State Road 462, 1 mile east of U.S. 301, Wildwood, Sumter County.
 - (7) The future FPC Polk County Site, County Road 555, 1 mile southwest of Homeland, Polk County.

UTM: 17-334.4 E 3204.2 N NEDS NO: 0004 Point ID: 12
(Original Citrus County Location)

Replaces Permit No.: Not Applicable, New Construction.

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Visible emissions from each diesel generator shall not be equal to or greater than 20% opacity.
[Rule 17-2.610(2)(a), F.A.C.].
3. Florida Power Corporation shall not discharge air pollutants which cause or contribute to an objectionable odor.
[Rule 17-2.620(2), F.A.C.].
4. In order to exempt this construction permit from the new source review requirements of Rule 17-2.500, F.A.C., the hours of operation expressed as "engine-hours" shall not exceed 2,970 in any consecutive 12 month period. The hours of operation expressed as "engine-hours" shall be the summation of the individual hours of operation of each diesel generator.
[Requested in the permit application].
5. Florida Power Corporation is permitted to burn only new/virgin No. 2 diesel fuel oil with a maximum sulfur content of 0.5% by weight in the diesel generators.
[Requested in the permit application].
6. The heat input rate to each diesel generator shall not exceed 8.58 million Btu per hour (62.1 gallons per hour).
[Requested in the permit application].
7. Florida Power Corporation shall notify the Department, in writing, at least 15 days prior to the date on which any diesel generator is to be relocated. The notification shall specify,
 - (A) which diesel generator, by serial number, is being relocated,
 - (B) which location the diesel generator is being relocated from,
 - (C) which location the diesel generator is being relocated to, and
 - (D) the approximate startup date at the new location.

If a diesel generator is to be relocated within Pinellas County, then Florida Power Corporation shall provide the same notification to the Air Quality Division of the Pinellas County Department of Environmental Management.
[Rule 17-4.070(3), F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

8. Test each diesel generator for the following pollutants within 30 days of initial startup. The test reports shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of testing in conjunction with a Certificate of Completion of Construction, DER Form 17-1.202(3). [Rules 17-2.700(2)(a)1. and 17-2.700(7), F.A.C.].

- (X) Opacity
- (X) Fuel Sulfur Analysis

9. After each relocation, test each relocated diesel generator for the following pollutants within 30 days of startup. The test reports shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of testing. A copy of the test reports shall be submitted to the Air Quality Division of the Pinellas County Department of Environmental Management for each diesel generator located in Pinellas County. [Rules 17-4.070(3), 17-2.700(2)(a)1. and 17-2.700(7), F.A.C.].

- (X) Opacity
- (X) Fuel Sulfur Analysis

10. Compliance with the emission limitation of specific condition #2 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A, and adopted by reference in Rule 17-2.700, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60.

11. Testing of each diesel generator emissions must be accomplished while operating the diesel generator within $\pm 10\%$ of the maximum fuel firing rate of 62.1 gallons per hour. Failure to submit the actual operating rate may invalidate the test. [Rule 17-4.070(3), F.A.C.].

12. Florida Power Corporation shall notify the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted. For each diesel generator located in Pinellas County, Florida Power Corporation shall provide the same notification to the Air Quality Division of the Pinellas County Department of Environmental Management. [Rule 17-2.700(2)(a)9., F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

13. Compliance with specific condition #4 shall be documented by record keeping. At a minimum, the records shall indicate the daily hours of operation for each individual diesel generator, the daily hours of operation expressed as "engine-hours", and a cumulative total hours of operation expressed as "engine-hours" for each month. The records shall be maintained for a minimum of 2 years and made available to the Department or the Pinellas County Department of Environmental Management upon request. [Rule 17-4.070(3), F.A.C.].

14. In order to document continuing compliance with specific condition #5, records of the sulfur content, in percent by weight, of all the fuel burned shall be kept based on either vendor provided as-shipped analyses or on analyses of as-received samples. The records shall be maintained for a minimum of 2 years and shall be made available to the Department or the Pinellas County Department of Environmental Management upon request. [Rule 17-4.070(3), F.A.C.].

15. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 17-2.610(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling.

16. Issuance of this permit does not relieve Florida Power Corporation from complying with applicable emission limiting standards or other requirements of Chapter 17-2, or any other requirements under federal, state, or local law. [Rule 17-2.210, F.A.C.].

17. This construction permit might have been subject to the new source review (NSR) requirements of Rule 17-2.500, F.A.C. if any of the federally enforceable limits in this permit had been relaxed. If Florida Power Corporation requests relaxation of any of the federally enforceable limits in this permit, then the Department will determine whether the NSR requirements of Rule 17-2.500, F.A.C. shall apply as though construction had not yet commenced. [Rule 17-2.500(2)(g), F.A.C.].

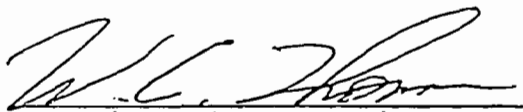
PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

18. Florida Power Corporation shall submit
- (A) four applications for an operating permit (Certificate of Completion of Construction),
 - (B) the appropriate application fee,
 - (C) the test reports required by specific condition #7, and
 - (D) an up-to-date copy of the records required by specific conditions #11 and #12,
- to the Southwest District Office of the Department of Environmental Regulation within 45 days of compliance testing, or by May 1, 1992, whichever date is earliest.
[Rule 17-4.090, F.A.C.].

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

For 
Dr. Richard D. Garrity
Director of District Management