



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

January 17, 1996

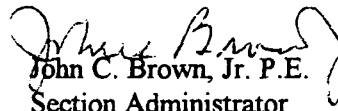
Mr. Jeffrey Pardue  
Acting Director, Environmental Services Department  
Florida Power Corporation  
3201 Thirty - Fourth Street South  
St. Petersburg, Florida 33733

Dear Mr. Pardue:

The Department has found the Acid Rain Part Application(s) for the attached facility(ies) complete, and has forwarded this information to USEPA Region 4 in Atlanta, Georgia.

If you have any questions, please write to Tom Cascio or me at the letterhead address, or call (904) 488-1344.

Sincerely,

  
John C. Brown, Jr. P.E.  
Section Administrator  
Title V Program

JCB/tc/ms

Attachment

## STATE OF FLORIDA ACID RAIN FACILITIES

1/10/96

FLORIDA POWER	ANCLOTE (8048)	1010017	40TPA510017	II	1, 2	12/22/95
FLORIDA POWER	AVON PARK (624)	0550003	52FTM280003	II	2 (RETIRED UNIT EXEMPTION REQUESTED)	12/22/95
FLORIDA POWER	CRYSTAL RIVER (628)	0170004	40TPA090004	II	1, 2, 3, 4	12/22/95
FLORIDA POWER	DEBARY (6046)	1270028	30ORL640028	II	**7, **8, **9, **10	12/22/95
FLORIDA POWER	G. E. TURNER (629)	1270020	30ORL640020	II	2, 3, 4	12/22/95
FLORIDA POWER	HIGGINS (630)	1030012	40PNL520012	II	1, 2, 3	12/22/95
FLORIDA POWER	INTERCESSION CITY (8049)	0970014	30ORL490014	II	**7, **8, **9, **10	12/22/95
FLORIDA POWER	P. L. BARTOW (634)	1030011	40PNL520011	II	1, 2, 3	12/22/95
FLORIDA POWER	U OF FLORIDA (7345)	0010001	31JAX010001	II	1	12/22/95
FLORIDA POWER	SUWANNEE RIVER (638)	1210003	31JAX610003	II	1, 2, 3	12/22/95

Summary checklist for Title IV, Phase II permit applications

Facility Name FLORIDA POWER CORPORATION

Plant Name: HIGGINS PLANT receipt date 12/22/95

ORIS Code: 630 AIRS ID No.: 1030012 (not required)

- |  |  |  |
|--|--|--|
| a. July 1, 1995 version of application form(s) used?                             | Y* <input checked="" type="checkbox"/> | N <input type="checkbox"/>             |
| b. Four (4) copies of application form(s) submitted?                             | Y* <input checked="" type="checkbox"/> | N <input type="checkbox"/>             |
| c. Certificate of Representation form on file?                                   | Y* <input checked="" type="checkbox"/> | N <input type="checkbox"/>             |
| d. Application form(s) signed by Designated Representative (DR) or alternate DR? | Y* <input checked="" type="checkbox"/> | N <input type="checkbox"/>             |
| e. Original signature of DR or alternate DR on one or more forms?                | Y* <input type="checkbox"/>            | N <input type="checkbox"/> ?           |
| f. Modifications made to wording on form(s)?                                     | Y <input type="checkbox"/>             | N* <input checked="" type="checkbox"/> |

Reviewer's initials TMC date 12 29 95

Note(s): [\*] = mandatory.

Comment(s): \_\_\_\_\_  
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**Section IV. This section is the Acid Rain Part.**

Acid Rain Part, Phase II

**Operated by: Florida Power Corporation**

**ORIS code: 630**

**Effective:**

The emissions units listed below are regulated under Acid Rain Part, Phase II.

**E.U.**

<b><u>ID No.</u></b>	<b><u>Description</u></b>
01	Boiler
02	Boiler
03	Boiler

1. The Acid Rain Part application submitted for this facility, as approved by the Department, is a part of this permit. The owners and operators of these acid rain units must comply with the standard requirements and special provisions set forth in the application listed below:

- a. DEP Form No. 62-210.900(1)(a), dated 07/01/95.

[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

2. Sulfur dioxide (SO<sub>2</sub>) allowance allocations and nitrogen oxide (NO<sub>x</sub>) requirements for each Acid Rain unit:

	<b>Year</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
<b>ID No. 01</b> <b>1</b>	<b>SO<sub>2</sub> allowances, under Table 2, 3, or 4 of 40 CFR 73</b>	418*	418*		
	<b>NO<sub>x</sub> limit</b>	**	**		
<b>ID No. 02</b> <b>2</b>	<b>SO<sub>2</sub> allowances, under Table 2, 3, or 4 of 40 CFR 73</b>	469*	469*		
	<b>NO<sub>x</sub> limit</b>	**	**		
<b>ID No. 03</b> <b>3</b>	<b>SO<sub>2</sub> allowances, under Table 2, 3, or 4 of 40 CFR 73</b>	964*	964*		
	<b>NO<sub>x</sub> limit</b>	**	**		

\*The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2, 3, or 4 of 40 CFR 73.

\*\*By January 1, 1999, this Part will be reopened to add NOx requirements in accordance with the regulations implementing section 407 of the Clean Air Act.

3. Comments, notes, and justifications: None.

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**Section V. Attachments and relevant documents.**

Acid Rain Application/Compliance Plan received 12/22/95.

# Phase II Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 and Chapter 62-214, F.A.C.

This submission is:  New     Revised

**STEP 1**  
Identify the source by plant name, State, and ORIS code from NADB

<i>Higgins Plant, FL, 630</i>
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Compliance  
Plan



**STEP 2**  
Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

a Boiler ID#	b Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	c Repowering Plan	d New Units  Commence Operation Date	e New Units  Monitor Certification Deadline
1	Yes	No		
2	Yes	No		
3	Yes	No		
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.

**STEP 3**  
Check the box if the response in column c of Step 2 is "Yes" for any unit

Plant Name (from Step 1)  
*Higgins Plant*

**STEP 4**  
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

**Standard Requirements**

Permit Requirements.

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
  - (i) Submit a complete Acid Rain part application (including a compliance plan) under 40 CFR part 72, Rules 62-214.320 and 330, F.A.C. in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
  - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain part application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
  - (i) Operate the unit in compliance with a complete Acid Rain part application or a superseding Acid Rain part issued by the permitting authority; and
  - (ii) Have an Acid Rain Part.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
  - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
  - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
  - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
  - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
  - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
  - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
  - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
  - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,

Plant Name (from Step 1)  
*Higgins Plant*

Recordkeeping and Reporting Requirements (cont.)

(iv) Copies of all documents used to complete an Acid Rain part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.

(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.

(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.

(4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.

(5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.

(6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.

(7) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;

(2) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;


(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;

(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,

(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

**Certification**

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name <i>W. Jeffrey Pardue, C.E.P., Director, Environmental Services Dept.</i>	
Signature 	Date <i>12/14/95</i>



**STEP 5 (optional)**  
Enter the source AIRS  
and FINDS identification  
numbers, if known

AIRS
FINDS