

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

Anclote Power Plant, FL, 8048

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

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

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

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.

Plant Name (from Step 1)
Anclote Power 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)
Anclote Power 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.

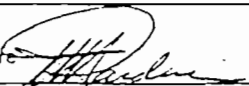
- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject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

BEST AVAILABLE COPY

Phase II Permit-Page 4

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

AIRS
FINDS

Appendix H-1, Permit History/ID Number Changes

Florida Power Corporation
Anclote

FINAL Permit No.: 1010017-003-AV
Facility ID No.: 1010017

Permit History (for tracking purposes):

<u>E.U. ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u>	<u>Revised Date(s)</u>
-001	Steam Turbine Generator	AO51-254492	03/7/1995	03/6/1999		
		AO51-254492A	1/31/1996	03/6/2000		
-002	Oil Fired Steam Generator	AO51-169340	12/21/1989	12/18/1994	08/14/1996	01/31/1996
		1010017-001-AO	01/31/1996			

ID Number Changes (for tracking purposes):

From: **Facility ID No.:** 40TPA510017

To: **Facility ID No.:** 1010017

Table 1-1, Summary of Air Pollutant Standards and Terms

Florida Power Corporation
Anclote Power Plant

FINAL Permit No.: 1010017-003-AV
Facility ID No.: 1010017

E.U. ID Nos. Brief Description

-001		Fossil Fuel Fired Steam Generator #1				Allowable Emissions		Equivalent Emissions		Regulatory Citation(s)	See Permit Condition(s)
Pollutant Name	Fuel(s) *	Hours/ Year *	Standards	lb/ hour	TPY	lb/hour **	TPY **				
Visible Emissions	F.O.	8760	40% Opacity					Rule 62-296.405(1) (a), F.A.C. Rule 62.210.700(3), F.A.C. Order No. 1574	A.5. A.6.		
Steady state	F.O.		60% Opacity								
Soot Blowing or Load Changing	F.O.										
PM Emissions	F.O.	8760	0.1 lb/MMBtu			496	2,174	Rule 62.296.405(1) (b), F.A.C. Rule 62.210.700(3), F.A.C.	A.7. A.8.		
Steady State	F.O.		0.3 lb/MMBtu			1,489					
Soot Blowing or Load Changing	F.O.										
Sulfur Dioxide	F.O.	8760	2.75 lb/MMBtu			13,652	59,796	Rules 62-213.440, 62-296.405(1) (e)3., 62-296.40591) (c)1.i., F.A.C.	A.9. A.10.		
	F.O.	8760	2.5% by wt.								

-002		Fossil Fuel Fired Steam Generator #2				Allowable Emissions		Equivalent Emissions		Regulatory Citation(s)	See Permit Condition(s)
Pollutant Name	Fuel(s) *	Hours/ Year *	Standards	lb/ hour	TPY	lb/hour **	TPY **				
Visible Emissions	F.O.	8760	40% Opacity					Rule 62-296.405(1) (a), F.A.C. Rule 62.210.700(3), F.A.C. Order No. 1574	A.5. A.6.		
Steady state	F.O.		60% Opacity								
Soot Blowing or Load Changing	F.O.										
PM Emissions	F.O.	8760	0.1 lb/MMBtu			485	2,124	Rule 62.296.405(1) (b), F.A.C. Rule 62.210.700(3), F.A.C.	A.7. A.8.		
Steady State	F.O.		0.3 lb/MMBtu			1,455					
Soot Blowing or Load Changing	F.O.										
Sulfur Dioxide	F.O.	8760	2.75 lb/MMBtu			13,652	59,796	Rules 62-213.440, 62-296.405(1) (e)3., 62-296.40591) (c)1.i.,	A.9. A.10.		
	F.O.	8760	2.5% by wt.								

-7775047-001		Relocatable Generator(s)				Allowable Emissions		Equivalent Emissions		Regulatory Citation(s)	See Permit Condition(s)
Pollutant Name	Fuel(s) *	Hours/ Year *	Standards	lb/ hour	TPY	lb/hour **	TPY **				
Visible Emissions	#2 F.O.	2970	20% Opacity					Rule 62-296.320(4) (b)1., F.A.C.	B.6.		
Sulfur Dioxide	#2 F.O.	2970	0.50% by wt.								

* No. 1, 2, 3, 4, 5, & 6 fuel oil and on-specification used oil. Maximum amount of used oil burned shall not exceed 10 percent of the total heat input (monthly) per emissions unit, or 30 million gallons per year cumulatively at the site.

** The "Equivalent Emissions" listed are for informational purposes only.

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Table 1-2, Summary of Air Pollutant Standards and Terms

Florida Power Corporation
Anclote Power Plant

FINAL Permit No.: 1010017-003-AV
Facility ID No.: 1010017

Additional Standards for On-Specification Used Oil (OSUO)

E.U. ID Nos. Brief Description

-001		Fossil Fuel Fired Steam Generator #1				Equivalent Emissions		Regulatory Citation(s)	See Permit Condition(s)
		Allowable Emissions			lbs./hour	TPY			
Pollutant Name	Fuel(s)	Hours/Year*	Standards	lbs./hour	TPY	lbs./hour	TPY		
Arsenic	OSUO		5.0 ppm						
Cadmium	OSUO		2.0 ppm						
Chromium	OSUO		10.0 ppm						
Lead	OSUO		100.0 ppm						
Total Halogens	OSUO		1000 ppm						
Flash Point	OSUO		≥ 100 degrees F						
PCB	OSUO		≤ 49 ppm						
SO ₂			2.5 % by weight						

-002		Fossil Fuel Fired Steam Generator #2				Equivalent Emissions		Regulatory Citation(s)	See Permit Condition(s)
		Allowable Emissions			lbs./hour	TPY			
Pollutant Name	Fuel(s)	Hours/Year*	Standards	lbs./hour	TPY	lbs./hour	TPY		
Arsenic	OSUO		5.0 ppm						
Cadmium	OSUO		2.0 ppm						
Chromium	OSUO		10.0 ppm						
Lead	OSUO		100.0 ppm						
Total Halogens	OSUO		1000 ppm						
Flash Point	OSUO		≥ 100 degrees F						
PCB	OSUO		≤ 49 ppm						
SO ₂			2.5 % by weight						

* The maximum quantity of used oil that may be burned in each emissions unit shall not exceed 10 percent of the total heat input (monthly) per emissions unit, or 30 million gallons per year cumulatively at the site.

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

Table 2-1, Summary of Compliance Requirements

Florida Power Corporation
Anclote Power Plant

FINAL Permit No.: 1010017-003-AV
Facility ID No.: 1010017

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U.#-001 & -002	Fossil Fuel Fired Steam Generators #1 & #2
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Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time or Frequency	Frequency Base Date ¹	Min. Compliance Test Time	CMS ²	See Permit Condition(s)
Visible Emissions Steady State Soot Blowing or Load Changing	F.O. F.O.	DEP Method 9 DEP Method 9	Annual Annual	#1-within 60 days of Jul. 28 #2-within 60 days of Aug. 24	1 hour 1 hour	NA	A.16., A.17. A.16., A.17.
Particulate Matter Steady State Soot Blowing or Load Changing	F.O. F.O.	EPA Methods 17 ³ , 5, 5B, 5F	Annual Annual	#1-within 60 days of Jul. 28 #2-within 60 days of Aug. 24	3 hour	NA	A.18. A.18.
Sulfur Dioxide	F.O.	Fuel sampling and analysis	Each Delivery	Each delivery	NA	NA	A.14., A.19., A.20.
Arsenic, Cadmium, Chromium, Lead, Total Halogens, Flash Point, PCB	OSUO ⁴	SW 846 ⁵	Each Delivery	Each Delivery	NA	NA	A.32.

- 1 - Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C.
 2 - Continuous Monitoring System.
 3 - EPA Method 17 may be used only if the stack gas exit temperature is less than 375 degrees F.
 4 - On-Specification Used Oil.
 5 - EPA Publication, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.

DEP ROUTING AND TRANSMITTAL SLIP

TO: (NAME, OFFICE, LOCATION) 3. _____
 1. Howard Rhodes 4. _____
 2. Clair Kuncy 5. _____

PLEASE PREPARE REPLY FOR:
 SECRETARY'S SIGNATURE
 DIV/DIST DIR SIGNATURE
 MY SIGNATURE
 YOUR SIGNATURE
 DUE DATE _____

ACTION/DISPOSITION
 DISCUSS WITH ME
 COMMENTS/ADVISE
 REVIEW AND RETURN
 SET UP MEETING
 FOR YOUR INFORMATION
 HANDLE APPROPRIATELY
 INITIAL AND FORWARD
 SHARE WITH STAFF
 FOR YOUR FILES

COMMENTS:
 Re: FINAL permit

 I recommend approval/
 signature. An official
 letter withdrawing EPA's
 objection is forthcoming.

FROM: Scott Sheplek DATE: 12/17 PHONE: _____