

August 18, 2009

Mr, Scott M. Sheplak P.E. DEP/DARM North Permitting Section Division of Air Resource Management 2600 Blair Stone Road MS 5500 Tallahassee, Florida 32399-2400

RECEIVED

AUG 20 2009

BUREAU OF AIR REGULATION

Re:

Turner Power Plant – Request for Additional Information regarding Title V renewal application 1270020-004-AV

Dear Mr. Sheplak:

Thank you very much for your letter to Mr. Anderson dated July 16, 2009 regarding additional information for the Turner Power Plant Title V renewal. The following is the response to your letter:

- Item number 1, the combustion turbine peaking units 1 & 2 (emission units 011 and 012) are each started by a 300 hp diesel engine. The model number is V8300 and the engine is a compression ignition type. The engine was installed with the combustion turbine in the 1970 timeframe, therefore they should not be subject to 40 CFR 60 subpart IIII, JJJJ, or 40 CFR 63 subpart ZZZZ (with the 63.6590(b)(3) exemption). In addition to the above internal combustion engines, during the hurricane season the facility may rent 2 diesel engines each approximately 30 hp (please see the attached letter dated December 6, 2005) to transfer fuel. What would you recommend that the facility do in order to assure compliance with the above
- Item number 2 requests the current Acid Rain Part Application form effective 3/16/08. Please see the attached current form.

internal combustion engine regulations when renting the emergency diesel

- Also attached is the responsible official certification
- As the above responses are not of an engineering nature. I have not included the professional engineer certification.

If there is anything further you need or if you have any questions, please contact me at (727) 820-5295. Thank you very much for your attention to this matter.

Dave Meyer, P.E.

engines?

Senior Environmental Specialist

Tifle for Dave Mayer



December 6, 2005

Mr. Al Linero
DEP/DARM
South Permitting Section
Division of Air Resource Management
2600 Blair Stone Road MS 5500
Tallahassee, Florida 32399-2400

Re: Turner Power Plant – Title V Permit 1270020-002-AV – Appendix I-1. List of Insignificant Emission Units and/or Activities

Dear Mr. Linero:

Progress Energy would like to install a diesel fuel truck loading station at our Turner Plant. This diesel fuel truck loading station would be used in emergency situations (hurricanes) to supply a diesel fuel to our peaking units during periods when our traditional fuel supply is disrupted.

We have looked at the emissions from the truck loading station (AP-42 emission factors) and found them to be significantly less than "5 tons per year or more of any regulated pollutant" listed in the Generic Emission Unit Exemption (please see the attached conservative emission estimate). Mr. Tom Cascio recommended that I reference the Title V Permitting Action Tree - item number 13. Item number 13 allows waiting until the Title V permit is revised or renewed to incorporate the change in Appendix I.

Accordingly, we would very much appreciate adding "Emergency Diesel Fuel Truck Loading Station" to Appendix I-1. List of Insignificant Emission Units and/or Activities the next time the permit his revised or renewed. We anticipate installing the truck loading station in the December to April timeframe.

If you have any questions, please contact Dave Meyer at (727) 820 5295. Thank you very much for your consideration.

I, the undersigned, am the responsible official as defined in Chapter 62-210.200, F.A.C., of the Title V source for which this document is being submitted. I hereby certify, based on the information and belief formed after reasonable inquiry, that the statements made and data contained in this document are true, accurate, and complete.

Mr. Reginald D. Anderson

Plant Manager

XC: Mr. Garry Kuberski Mr. Tom Cascio EPA Region IV BCC: Mark Tylec

Dave Meyer (ESS Files)

Garry Kuberski Florida Department of Environmental Protection 3319 Maguire Blvd Suite 232 Orlando, Fl. 32803

Mr. Al Linero Division of Air Resource Management 2600 Blair Stone Road MS 5500 Tallahassee, Florida 32399-2400 (850) 488-0114

EPA Region IV 61 Forsyth St. SW. Alanta, GA. 30303

AP-42 10/96
3.3 Gasoline and Diesel Industrial Engines
BASED ON HP
Gas <= 250 Hp
Direst <= 600 Hp

INPUT	. (	ASE 1	CASE 2	CASE 3	CASE 4	CASE 5	
	Pump Engir	F/S					
UNITS		2					
HP		30					
Hours		336					

OUTDUT				_	
OUTPUT			Complete and a second		
(BOLINDS)	O A TINK	C EE (th/ha h-3	Emissions		
		G EF (lb/hp-hr)	(Lbs)		
NOX	D	0.031	625		
CO	D	6.68E-03	135		
sox	D	2.05E-03	41		
PM-10	D	2.20E-03	44		
CO2	В	1.15	23,184		
Aldehydes	D	4.63E-04	9		
TOC (as CH4)					
Exhaust	D	2.47E-03	50		
Evaporative	Ε	0	0		
Crankcase	Ξ	4.41E-05	1		
Refueling	Ε	0	0		
-					
ORGANIC COMPOUNDS		EF (lb/mmbtu)			
BENZENE (HAP)	Ε	9.33E-04	0.13		
TOLUENE (HAP)	Ë	4.09E-04	0.06		
XYLENES (HAP)	E	2.85E-04	0.04		
PROPYLENE	E	2.58E-03	0.36		
1,3-BUTADIENE (HAP)	E	3.91E-05	0.01		
FORMALDEHYDE (HAP)	Ε	1.18E-03	0.17		
ACETALDEHYDE (HAP)	Ε	7.67E-04	0.11		
ACROLEIN (HAP)	E	9.25E-05	0.01		
PAH					
NAPHTHALENE (HAP)	ε	8.48E-05	0.01		
ACENAPHTHYLENE	Ε	5.06E-06	0.00		
ACENAPHTHENE	E.	1.42E-06	0.00		
FLUORENE	E	2.92E-05	0.00	•	
PHENANTHRENE	Ε	2.94E-05	0.00		
ANTHRACENE	Ē	1.87E-06	0,00		
FLUORANTHENE	E	7.61E-06	0.00		
PYRENE	· Ē	4.78E-06	0.00		
BENZ(A)ANTHRACENE	Ē	1.68E-06	0.00		
CHRYSENE	Ē	3.53E-07	0.00		
BENZO(B)FLORANTHEN	E	9.91E-08	0.00		
BENZO(K)FLORANTHEN	Ē	1.55E-07	0.00		
BENZO(A)PYRENE	Ē	1.88E-07	0.00		
INDENO(1,2,3-CD)PYRE	Ē	3.75E-07	0.00		
DIBENZ(A,H)ANTHRACE	Ē	5.83E-07	0.00		
BENZO(G,H,L)PERYLEN	E	4.89E-07	0.00		
, DENZULO, CI, LIFERTLEN	<u></u>		0.00		
TOTAL PAH	Ξ	1.68E-04	0.02		

#### **APPLICATION INFORMATION**

#### **Application Responsible Official Certification**

Complete if applying for an initial, revised, or renewal Title V air operation permit or concurrent processing of an air construction permit and revised or renewal Title V air operation permit. If there are multiple responsible officials, the "application responsible official" need not be the "primary responsible official."

1.	Application Responsible Official Name: Lyndon Dupont, Plant Manager
2.	Application Responsible Official Qualification (Check one or more of the following options, as applicable):
	For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C.
	For a partnership or sole proprietorship, a general partner or the proprietor, respectively.  For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official.
	The designated representative at an Acid Rain source, CAIR source, or Hg Budget source.
3.	Application Responsible Official Mailing Address Organization/Firm: Florida Power Corporation dba Progress Energy Florida, Inc.
	Street Address: P. O. Box 530179
	City: DeBary State: Florida Zip Code: 32753-0179
4.	Application Responsible Official Telephone Numbers  Telephone: (386) 668-5103 ext. Fax: (407) 646-8370
5.	Application Responsible Official E-mail Address: lyndon.dupont@pgnmail.com
6.	Application Responsible Official Certification:
	I, the undersigned, am a responsible official of the Title V source addressed in this air permit application. 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 and all other applicable requirements identified in this application to which the Title V source is subject. 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 the facility or any permitted emissions unit. Finally, I certify that the facility and each emissions unit are in compliance with all applicable requirements to which they are subject, except as identified in compliance plan(s) submitted with this application.
	Signature Date

5

DEP Form No. 62-210.900(1) - Form

# Acid Rain Program Instructions for Acid Rain Part Application

(40 CFR 72.30 - 72.31, and 74; and Rule 62-214.320, F.A.C.)

The Acid Rain Program requires the designated representative to submit an Acid Rain Part application for each source with an Acid Rain unit. A complete Certificate of Representation must be received by EPA <u>before</u> the Acid Rain Part application is submitted to the DEP Bureau of Air Regulation. A complete Acid Rain Part application, once submitted, is binding on the owners and operators of the Acid Rain source and is enforceable in the absence of an Acid Rain Part until the DEP Bureau of Air Regulation either issues an Acid Rain Part to the source or disapproves the application.

#### **DEFINITIONS**

"Act" - The federal Clean Air Act:

"CFR" - Code of Federal Regulations

"DOE" - U.S. Department of Energy

"EIA" - U.S. Energy Information Agency

"F.A.C." - Florida Administrative Code

"DEP" - Florida Department of Environmental Protection

"lbs" - pounds

"mmBtu" - million British thermal units

"NOx" - Nitrogen oxides

"SO2 Opt-in unit" - A combustion unit that has elected to become an affected unit under the Acid Rain Program.

For the purposes of applying 40 CFR Parts 72, 73, 75, 77, and 78, and

Chapter 62-214, F.A.C., each SO<sub>2</sub> Opt-in unit shall be treated as an Acid Rain unit.

"ORIS" - Office of Regulatory Information Systems

Please type or print. The alternate designated representative may sign in lieu of the designated representative. If assistance is needed, contact the DEP Bureau of Air Regulation at (850) 488-0114.

STEP 1 Use the plant name and ORIS Code listed on the Certificate of Representation for the plant. An ORIS code is a 4-digit number assigned by the EIA at the DOE to power plants owned by utilities. If the plant is not owned by a utility but has a 5-digit plant code (also assigned by EIA), use the plant code. If no code has been assigned or if there is uncertainty regarding what the code number is, contact EIA at (202) 586-2402.

150

- For column "a," identify each Acid Rain unit at the Acid Rain source by providing the appropriate unit identification numbers, consistent with the unit identification numbers entered on the Certificate of Representation and with unit identification numbers used in reporting to the DOE and/or EIA. For new units without identification numbers, owners and operators may assign such numbers consistent with EIA and DOE requirements. If the unit is a SO<sub>2</sub> Opt-in unit, or electing to become one, enter "yes" in column "b." For columns "d" and "e," enter the commence operation date(s) and monitor certification deadline(s) for new units in accordance with 40 CFR 72.2 and 75.4, respectively.
- **STEP 3** Read the standard requirements.
- **STEP 4** For SO<sub>2</sub> Opt-in units only. In column "f" enter the unit ID# for every SO<sub>2</sub> Opt-in unit identified in column "a" of STEP 2. For column "g" describe the combustion unit and attach information and diagrams on the combustion unit's configuration. If not a renewal application, in column "h" enter the number of hours each unit operated in the six months preceding initial application and attach supporting documentation.
- STEP 5 For SO2 Opt-in units only. (Not required for renewal applications.) In column "i" enter the unit ID# for every SO<sub>2</sub> Opt-in unit identified in column "a" (and in column "f"). For columns "j" through "n," enter the information required under 40 CFR 74.20-74.25 and attach all supporting documentation required by 40 CFR 74.20-74.25.

DEP Form No. 62-210.900(1)(a) - Instructions

- **STEP 6** For SO<sub>2</sub> Opt-in units only. Complete the additional requirements A F. The designated representative or alternate designated representative must read the certification statement, sign and date.
  - The Administrator shall be responsible for the following activities under the opt-in provisions of the Acid Rain Program:
  - (1) Calculating the baseline or alternative baseline and allowance allocation, and allocating allowances for combustion or process sources that become affected units under 40 CFR Part 74;
  - (2) Certifying or recertifying monitoring systems for combustion or process sources as provided under 40 CFR 74.20;
  - (3) Establishing allowance accounts, tracking allowances, assessing end-of-year compliance, determining reduced utilization, approving thermal energy transfer and accounting for the replacement of thermal energy, closing accounts for opt-in sources that shut down, are reconstructed, become affected under 40 CFR 72.6, or fail to renew their opt-in permit, and deducting allowances as provided under 40 CFR Part 74, Subpart E; and
  - (4) Ensuring that the opt-in source meets all withdrawal conditions prior to withdrawal from the Acid Rain Program as provided under 40 CFR 74.18; and
  - (5) Approving and disapproving the request to withdraw from the Acid Rain Program.
  - The DEP shall be responsible for the following activities:
  - (1) Issuing the draft and final opt-in permit;
  - (2) Revising and renewing the opt-in permit; and
  - (3) Terminating the opt-in permit for an opt-in source as provided in 40 CFR 74.18 (withdrawal), 40 CFR 74.46 (shutdown, reconstruction or change in affected status) and 40 CFR 74.50 (deducting allowances).
- STEP 7 The designated representative or alternate designated representative must read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign and date.

#### **Submission Deadlines**

For new units, an initial Acid Rain Part application must be submitted to the DEP Bureau of Air Regulation 24 months before the date the unit commences operation.

Acid Rain Part renewal applications must meet the same submission deadline as the Title V permit renewal application for the source.

The designated representative of any operating combustion unit that wishes the unit to become a SO<sub>2</sub> Opt-in unit may submit an Acid Rain Part application and a monitoring plan to the Administrator and DEP Bureau of Air Regulation at any time. Within 21 calendar days from the date the DEP Bureau of Air Regulation issues or denies a draft Title V permit revision incorporating the unit as an acid rain unit, the designated representative of the unit must submit to the Administrator and DEP Bureau of Air Regulation, in writing, a confirmation or rescission of the unit's intention to become a SO<sub>2</sub> Opt-in unit. The Administrator shall treat the failure to make a timely submission as a rescission of the unit's intention to become a SO<sub>2</sub> Opt-in unit and as a withdrawal of the application.

#### Submit this form and a copy to:

DEP Bureau of Air Regulation MS 5505 2600 Blair Stone Rd Tallahassee, FL 32399-2400

#### For SO<sub>2</sub> Opt-in units, also send this form or its equivalent to the Administrator at:

U.S. Environmental Protection Agency Clean Air Markets Division (6204J) 1200 Pennsylvania Ave NW Washington, DC 20460

DEP Form No. 62-210.900(1)(a) – Instructions Effective: 3/16/08



AUG 20 2009

## Acid Rain Part Application Pureau OF AIR REGULATION

For more information, see instructions and refer to 40 CFR 72.30, 72:31, and 74; and Chapter 62-214, F.A.C.

	This submission is:	☐ Revised 📜 Renewal	
STEP 1	G. E. Turner	FI.	629
Identify the source by plant name, state, and ORIS	Plant name	State	ORIS/Plant Code

STEP 2 Enter the unit ID# for every Acid Rain unit at the Acid Rain source in column "a."

or plant code.

If unit a SO<sub>2</sub> Opt-in unit, enter "yes" in column "b".

For new units or SO<sub>2</sub> Opt-in units, enter the requested information in columns "d" and "e."

	а	b	С	d	е
	Unit ID#	SO₂ Opt-in Unit? (Yes or No)	Unit will hold allowances in accordance with 40 CFR 72.9(c)(1)	New or SO <sub>2</sub> Opt-in Units Commence Operation Date	New or SO <sub>2</sub> Opt-in Units Monitor Certification Deadline
Ī	2*	No	Yes	N/A	N/A
ſ	3*	No	Yes	N/A	N/A
Ī	4*	No	Yes	N/A	N/A
			Yes		
			Yes		
		_	Yes		
		_	Yes		
ļ			Yes		
	<del></del>		Yes		
		_	Yes		
			Yes		
		_	Yes		

Note: Units 2, 3, & 4 are retired oil fired boilers

DEP Form No. 62-210.900(1)(a) - Form Effective: 3/16/08

1

G.E. Turner Plant Name (from STEP 1)

#### STEP 3

Read the standard requirements.

#### Acid Rain Part 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 and 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 DEP determines is necessary in order to review an Acid Rain Part application and issue or deny an Acid Rain Part;
- 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 DEP; 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
- (4) For applications including a SO<sub>2</sub> Opt-in unit, a monitoring plan for each SO<sub>2</sub> Opt-in unit must be submitted with this application pursuant to 40 CFR 74.14(a). For renewal applications for SO₂ Opt-in units include an updated monitoring plan if applicable under 40 CFR 75.53(b).

#### 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)), or in the compliance subaccount of another Acid Rain unit at the same source to the extent provided in 40 CFR 73.35(b)(3), 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) 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 Part application, the Acid Rain Part, or an exemption under 40 CFR 72.7 or 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.
- 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 EPA or the DEP:
  - (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, provided that to the extent that 40 CFR Part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply;
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and.

DEP Form No. 62-210.900(1)(a) - Form

G. E. Turner	
Plant Name (from STEP 1)	

#### STEP 3, Continued.

#### 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 an 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 40 CFR 76.11 (NO<sub>X</sub> averaging 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, 74, 75, 76, 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 an exemption under 40 CFR 72.7or 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.

### STEP 4 For SO<sub>2</sub> Opt-in units only.

In column "f" enter the unit ID# for every SO<sub>2</sub> Opt-in unit identified in column "a" of STEP 2.

For column "g" describe the combustion unit and attach information and diagrams on the combustion unit's configuration.

In column "h" enter the hours.

	f	g	h (not required for renewal application)
r	Unit ID#	Description of the combustion unit	Number of hours unitace operated in the six months preceding initial application
		·	
	:		3-2-
			'

DEP Form No. 62-210.900(1)(a) - Form

G. E. Turner

Plant Name (from STEP 1)

#### STEP 5

For SO<sub>2</sub> Opt-in units only. (Not required for SO<sub>2</sub> Opt-in renewal applications.)

In column "i" enter the unit ID# for every SO<sub>2</sub> Opt-in unit identified in column "a" (and in column "f").

For columns "j" through "n," enter the information required under 40 CFR 74.20-74.25 and attach all supporting documentation required by 40 CFR 74.20-74.25.

i	j	k	I	m	n
Unit ID#	Baseline or Alternative Baseline under 40 CFR 74.20 (mmBtu)	Actual SO <sub>2</sub> Emissions Rate under 40 CFR 74.22 (Ibs/mmBtu)	Allowable 1985 SO <sub>2</sub> Emissions Rate under 40 CFR 74.23 (lbs/mmBtu)	Current Allowable SO <sub>2</sub> Emissions Rate under 40 CFR 74.24 (lbs/mmBtu)	Current Promulgated SO <sub>2</sub> Emissions Rate under 40 CFR 74.25 (lbs/mmBtu)
					1
					et a
					- see
					1,000
					24

#### STEP 6

For SO<sub>2</sub> Opt-in units only.

Attach additional requirements, certify and sign.

- A. If the combustion source seeks to qualify for a transfer of allowances from the replacement of thermal energy, a thermal energy plan as provided in 40 CFR 74.47 for combustion sources must be attached.
- B. A statement whether the combustion unit was previously an affected unit under 40 CFR 74.
- C. A statement that the combustion unit is not an affected unit under 40 CFR 72.6 and does not have an exemption under 40 CFR 72.7, 72.8, or 72.14.
- D. Attach a complete compliance plan for SO<sub>2</sub> under 40 CFR 72.40.
- E. The designated representative of the combustion unit shall submit a monitoring plan in accordance with 40 CFR 74.61. For renewal application, submit an updated monitoring plan if applicable under 40 CFR 75.53(b).
- F. The following statement must be signed by the designated representative or alternate designated representative of the combustion source: "I certify that the data submitted under 40 CFR Part 74, Subpart C, reflects actual operations of the combustion source and has not been adjusted in any way."

#### STEP 7

Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.

Signature	Date	

Certification (for designated representative or alternate designated representative only)

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	Brenda E. Brid	khouse		Title Director – Environmental Health and Safety	
Owner C	ompany Name	Florida Power Co	orporation dba Pro	ogress Energy Florida, Inc.	

Jakanna Carrier

8)14/09

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4