



**Robby A. Odom**  
Plant Manager, Crystal River Fossil Plant  
& Fuel Operations

August 6, 2012

Mr. Brian Accardo, Director  
Division of Air Resource Management  
Florida Department of Environmental Protection  
2600 Blair Stone Road, MS 5500  
Tallahassee Florida 32399-2400

**RECEIVED**

**AUG 15 2012**

**DIVISION OF AIR  
RESOURCE MANAGEMENT**

**Re:** Florida Power Corp. d/b/a Progress Energy Florida, Inc.  
Crystal River Power Plant - Citrus County  
Title V Permit No. 0170004-025-AV  
Initial Notification of Applicability of 40 CFR 63, Subpart UUUUU  
National Emission Standards for Hazardous Air Pollutants:  
Coal and Oil-Fired Electric Utility Steam Generating Units

Dear Mr. Accardo:

In December 2011, the United States Environmental Protection Agency (U.S. EPA) signed the Mercury and Air Toxics Standards (MATS). The regulation was published in the Federal Register on February 16, 2012, thereby triggering the requirement to submit an initial notification for affected sources. Per 40 CFR 63.10030, existing affected sources must submit the initial notification not later than 120 days after April 16, 2012; i.e., by August 14, 2012. The initial notification must contain the required elements as described in 40 CFR 63.9(b)(2):

- (2) The owner or operator of an affected source that has an initial startup before the effective date of a relevant standard under this part shall notify the Administrator in writing that the source is subject to the relevant standard. The notification, which shall be submitted not later than 120 calendar days after the effective date of the relevant standard (or within 120 calendar days after the source becomes subject to the relevant standard), shall provide the following information:
  - (i) The name and address of the owner or operator;
  - (ii) The address (i.e., physical location) of the affected source;
  - (iii) An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date;
  - (iv) A brief description of the nature, size, design, and method of operation of the source and an identification of the types of emission points within the affected source subject to the relevant standard and types of hazardous air pollutants emitted; and
  - (v) A statement of whether the affected source is a major source or an area source.

The U.S. EPA has prepared a sample form which may be used to fulfill the initial notification requirements. The completed form is included as Attachment No. 1 to this correspondence. If you have any questions or concerns about this document, please do not hesitate to contact Mr. Ron Johnson at (352) 501-5170 or Mr. Jamie Hunter at (727) 820-5764.

*Certification by Responsible Official*

*"Based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this document are true, accurate, and complete."*

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R. Odom', with a long horizontal flourish extending to the right.

Robby Odom  
Plant Manager, Crystal River Power Plant & Fuel Operations

cc: Mr. John Glunn, FDEP-DARM  
Air Toxics & Monitoring Branch, USEPA-Region IV  
Mr. Ron Johnson, PEF - Crystal River Power Plant - POC  
Mr. Jamie Hunter, PEF - ESS - PEF 903

**Florida Power Corporation d/b/a Progress Energy Florida, Inc.**  
**Crystal River Power Plant**

40 CFR 63, Subpart UUUUU

**National Emission Standards for Hazardous Air Pollutants:**  
**Coal and Oil-Fired Electric Utility Steam Generating Units**

**Attachment No. 1**

Initial Notification Form

## Initial Notification Report

### National Emission Standards for Hazardous Air Pollutants for Coal and Oil-Fired Electric Utility Steam Generating Units

#### SECTION I : GENERAL INFORMATION

Operating Permit Number (IF AVAILABLE)

Facility ID Number

Title V Permit No. 0170004-025-AV

Facility ID No. 0170004

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Owner or Operator's Name

Title

Florida Power Corporation d/b/a Progress Energy Florida, Inc.

Owner/Operator

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Street Address

299 First Avenue North

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City

State

ZIP Code

St. Petersburg

Florida

33701

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<sup>a</sup> (e.g., Title V permit number)

<sup>b</sup> (e.g., Air Facility System (AFS) facility ID)

Facility Name

Florida Power Corporation d/b/a Progress Energy Florida, Inc. – Crystal River Power Plant

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Facility Street Address (if different than Responsible Official's Street Address listed above)

15760 West Power Line Street

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City

State

ZIP Code

Crystal River

Florida

34428

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Facility Local Contact Name (if different than the Owner/Operator listed above)

Title

Mr. Ron Johnson

Sr. Environmental Specialist

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## SECTION II: SOURCE DESCRIPTION

1. Compliance Date: ☒ Existing source: April 16, 2015

☐ New/reconstructed source: Upon initial startup

Original/Anticipated Startup Date(s): Unit 1 – 1966; Unit 2 1969; Unit 4 – 1982; Unit 5 - 1984

2. Please complete the table below for each affected EGU.

Emission Unit ID <sup>a</sup>	Emission Unit Name (design and manufacturer name)	Size: Rated Heat Input Capacity (MMBtu/hr) <sup>b</sup>	Fuels Used <sup>c</sup>	HAPs Emitted from EGU
001	<u>Unit 1</u> Combustion Engineering, Inc.  Pulverized Coal, tangentially-fired boiler, dry bottom	3,750 MMBtu/hr (Nominal Rating)	Bituminous coal or bituminous coal and bituminous coal briquette mixture. Distillate fuel oil may be burned as a startup fuel.	Please refer to the next page of this form for a complete listing of HAP's.
002	<u>Unit 2</u> Combustion Engineering, Inc.  Pulverized Coal, tangentially-fired boiler, dry bottom	4,795 MMBtu/hr (Nominal Rating)	Bituminous coal or bituminous coal and bituminous coal briquette mixture. Distillate fuel oil may be burned as a startup fuel.	Please refer to the next page of this form for a complete listing of HAP's.
003	<u>Unit 5</u> Babcock & Wilcox  Pulverized Coal, wall-fired boiler, dry bottom	7,200 MMBtu/hr (Nominal Rating)	Bituminous coal or bituminous coal and bituminous coal briquette mixture. Distillate fuel oil or natural gas may be burned as a startup fuel.	Please refer to the next page of this form for a complete listing of HAP's.
004	<u>Unit 4</u> Babcock & Wilcox  Pulverized Coal, wall-fired boiler, dry bottom	7,200 MMBtu/hr (Nominal Rating)	Bituminous coal or bituminous coal and bituminous coal briquette mixture. Distillate fuel oil or natural gas may be burned as a startup fuel.	Please refer to the next page of this form for a complete listing of HAP's.

<sup>a</sup> If the source has an operating permit, use the IDs that are consistent with those reported in the permit.

<sup>b</sup> MMBtu/hr refers to million British thermal units per hour. EGUs often have a nameplate listing the rated heat input capacity on the unit. This rated capacity may have also been reported to the entity insuring the unit or the state labor and safety inspector.

<sup>c</sup> Report all fuels used in each of the units subject to the standard (e.g., bituminous coal, #6 fuel oil, #2 fuel oil, natural gas, bark, lumber, etc.).

The following table summarizes the Hazardous Air Pollutant (HAP) compounds reported as part of the 2011 Air Annual Operating Report (AOR).

Acetaldehyde	Hydrochloric acid
Arsenic Compounds	Hydrogen fluoride (Hydrofluoric acid)
Benzene	Isophorone
Benzyl Chloride	Manganese Compounds
Cadmium Compounds	Methyl Chloride (Chloromethane)
Chromium Compounds	Polychlorinated biphenyls (Aroclors)
Cyanide Compounds	Propionaldehyde
Formaldehyde	Selenium Compounds
	Toluene

### SECTION III: CERTIFICATION

I hereby certify that the information presented herein is correct to the best of my knowledge.



Signature

8/6/12

Date

Mr. Robby Odom, Plant Manager

Name/title

(352) 501-5682

Telephone Number

Robby.Odom@pgnmail.com

Email Address