

RECEIVED

MAY 14 2002

BUREAU OF AIR REGULATION

Ms. Cindy Phillips, P.E.
FDEP Bureau of Air Regulation
MS 5505
2600 Blair Stone Road
Tallahassee, FL 32399-2400

May 1, 2002

Reason: Request for Applicability Determination for the following Source Category (or categories) Putnam Plant permit no. 1070014-OOI-AV

Dear Ms. Phillips,

Thank you for your notice considering the "MACT hammer" notification requirements for the State of Florida. In accordance with your notice and the general provisions of 40 CFR Part 63 (MACT standards) and the MACT hammer provisions, which implement Section 112(j) of the Clean Air Act (CAA), this letter is to request the above mentioned determination regarding the MACT hammer.

**Applicability Determination Request for 112(j)
Internal Combustion Engine**

1) The name and address (physical location) of the major source.	Florida Power & Light Company –Putnam Plant US 17 South, East Palatka, Fl 32031 This facility is located at US 17 South, East Palatka, Putnam County.
2) A brief description of the major source and an identification of the relevant source category	The facility consists of four combustion turbines, each with an associated inlet fogger and a heat recovery steam generator equipped with duct burners, an auxiliary boiler, and unregulated emissions units. The auxiliary boiler is manufactured by VA-Power and is fired by natural gas only. Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities. Based on the initial Title V permit application this facility is a major source of hazardous air pollutants. The emergency diesel generator falls in the internal combustion engine category.
3) Identification of the types of emission points belonging to the relevant source category.	E.U. ID 012 (1)Emergency Diesel Generator, Miscellaneous Mobile Equipment and Internal Combustion Engines (1) Diesel Emergency Fire pump
4) Identification of any affected sources for which a section 112(g) MACT determination has been made at this facility	None

**Applicability Determination Request for 112(j)
Combustion Turbine**

1) The name and address	Florida Power & Light Company –Putnam Plant – see above
2) A brief description of the major source and an identification of the relevant source category	The facility consists of four combustion turbines , each with an associated inlet fogger and a heat recovery steam generator equipped with duct burners, an auxiliary boiler, and unregulated emissions units. Each combustion turbine is Westinghouse unit rated at 70 MW generating capacity (at 85 degrees F ambient temperature), with a maximum heat input for natural gas and fuel oil of 968.3 mmBtu/hr and 910.6 mmBtu/hr, respectively. The duct burners for each HRSG are rated at a maximum heat input of 250 mmBtu/hr, and are fired with natural gas only. The auxiliary boiler is manufactured by VA-Power and has a maximum heat input for natural gas and number 2 fuel oil of 16.275 mmBtu/hr and 14.28 mmBtu/hr, respectively.
3) Identification of the types of emission points belonging to the relevant source category.	<u>E.U. ID and Brief Description</u> 003 Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG11. 004 Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG12. 005 Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, HRSG21. 006 Combustion Turbine for Combined Cycle Heat Recovery Steam Generator, I 010 HRSG22.
4) Identification of any affected sources for which a section 112(g) MACT determination has been made at this facility	None

**Applicability Determination Request for 112(j)
Industrial Boiler**

1) The name and address	Florida Power & Light Company – Putnam Plant – see above
2) A brief description of the major source and an identification of the relevant source category	The facility consists of four combustion turbines, each with an associated inlet fogger and a heat recovery steam generator equipped with duct burners, an auxiliary boiler, and unregulated emissions units. The auxiliary boiler is manufactured by VA-Power and has a maximum heat input for natural gas and number 2 fuel oil of 16.275 mmBtu/hr and 14.28 mmBtu/hr, respectively. The Auxiliary boiler falls in the industrial boiler category . The duct burners for each HRSG are rated at a maximum heat input of 250 mmBtu/hr, and are fired with natural gas only. The duct burners may also fall in the industrial boiler category .
3) Identification of the types of emission points belonging to the relevant source category.	<p><u>E.U. ID and Brief Description</u></p> <p>011 Auxiliary Boiler</p> <p>007 Duct burners for Combined Cycle Heat Recovery Steam Generator, HRSG 11. 008 Duct burners for Combined Cycle Heat Recovery Steam Generator, HRSG 12. 009 Duct burners for Combined Cycle Heat Recovery Steam Generator, HRSG2 1. 010 Duct burners for Combined Cycle Heat Recovery Steam Generator. HRSG22</p>
4) Identification of any affected sources for which a section 112(g) MACT determination has been made at this facility	None

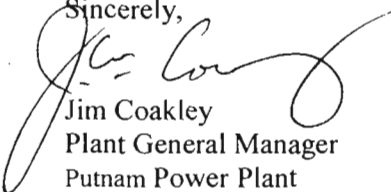
The Putnam Plant duct burners are included in the industrial category table above. The Department may consider these as exempt from 112j if they are considered as electric utility steam generating units per the description in Federal Register notice of May 25, 2000, page 34011; Enough ambiguity exists that we request an applicability determination from the Department.

Based on the information available to us at the time of this application, we believe that we may be subject to section 112(j) of the Clean Air Act. We reserve the right, however, to amend or withdraw **this application** should we obtain new or different information regarding our status.

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements and information in this document are true, accurate, and complete.

Should you have any questions regarding this, please contact John Kahl at (386) 329-4607 or Mary Archer at (561) 691-7057.

Sincerely,



Jim Coakley
Plant General Manager
Putnam Power Plant

CC: Air Permitting Section, Air Planning Branch, APTDM,
USEPA Region 4
Atlanta Federal Center
Atlanta, Ga. 30303-8960

- FDEP District

Scott Sheplak - Title V Permitting
FDEP Bureau of Air Regulation
MS 5505
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Bcc: Mary Archer JES/JB
Marister Ruiz GPA/JB
JES File :Putnam – T.V – MACT Part I notice

Note on duct burners FR citation:

[Final Rules — May 25, 2000, 65 FR 34010, 05/25/2000 NATIONAL EMISSION
STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES

Preamble].

“If the waste heat recovery unit in a combined cycle system operates with duct burners, and more than one-third of the potential electrical output capacity of the duct burners and more than 25 megawatts of the electrical output provided by the duct burners are provided to any utility power distribution system for sale, then the waste heat recovery unit is an electric utility steam generating unit and is not subject to case-by-case MACT determinations unless and until such units are added to the source category list pursuant to CAA section 112(c)(5).”



Department of Environmental Protection

Jeb Bush
Governor

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

June 12, 2002

Mr. Jim Coakley
Plant General Manager
Putnam Power Plant
Florida Power & Light Company
392 S US Highway 17
East Palatka, FL 32131-4099

Re: Request for Determination of MACT Applicability for Putnam Power Plant

Dear Mr. Coakley:

In response to your letter received May 14, 2002 which requests that the Department make a determination of MACT applicability for your plant, I have attached Chapter 28-105, F.A.C., Declaratory Statements, which specifies the procedure that you must follow in order for us to comply with your request.

The Department's Agency Clerk is Kathy Carter. Her address is:

Kathy Carter, Agency Clerk
Florida Department of Environmental Protection
MS 35
3900 Commonwealth Boulevard
Tallahassee FL 32399-3000

Thank you for submitting the 112(j) notification information. Your information submittal appears to meet our current 112(j) requirements.

Please be aware that, although your letter refers to this information submittal as an "application," the Department does not recognize your submittal as a state permit application and has no plans to process it as such.

No further 112(j) information is needed from you at this time. If you have any questions, concerning this matter, please contact me at 850/921-9534.

Sincerely,

Cindy L. Phillips, P.E.
Bureau of Air Regulation

attachment

"More Protection, Less Process"

Printed on recycled paper.

CHAPTER 28-105, F.A.C.

DECLARATORY STATEMENTS

28-105.001 Purpose and Use of Declaratory Statement.

A declaratory statement is a means for resolving a controversy or answering questions or doubts concerning the applicability of statutory provisions, rules, or orders over which the agency has authority. A petition for declaratory statement may be used only to resolve questions or doubts as to how the statutes, rules, or orders may apply to the petitioner's particular circumstances. A declaratory statement is not the appropriate means for determining the conduct of another person or for obtaining a policy statement of general applicability from an agency. A petition for declaratory statement must describe the potential impact of statutes, rules, or orders upon the petitioner's interests.

28-105.002 The Petition.

A petition seeking a declaratory statement shall be filed with the clerk of agency that has the authority to interpret the statute, rule, or order at issue and shall provide the following information:

(1) The caption shall read:

Petition for Declaratory Statement

Before (Name of Agency)

(2) The name, address, telephone number, and any facsimile number of the petitioner.

(3) The name, address, telephone number, and any facsimile number of the attorney or qualified representative (if any) of the petitioner.

(4) The statutory provision(s), agency rule(s), or agency order(s) on which the declaratory statement is sought.

(5) A description of how the statutes, rules, or orders may substantially affect the petitioner in the petitioner's particular set of circumstances.

(6) The signature of the petitioner or of the petitioner's attorney or qualified representative.

(7) The date.

28-105.003 Agency Disposition.

The agency may hold a hearing to consider a petition for declaratory statement. If the agency is headed by a collegial body, it shall take action on a petition for declaratory statement only at a duly noticed public meeting. If a hearing is held, it shall be conducted in accordance with Sections 120.569 and 120.57(2), F.S. The agency may rely on the statements of fact set out in the petition without taking any position with regard to the validity of the facts. Within 90 days of the filing of the petition, the agency shall render a final order denying the petition or issuing a declaratory statement.