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BUREAU OF  
AIR REGULATION



Florida Power & Light Company

May 31, 2011

Mr. Tom Casio  
Air Permitting  
Bureau of Air Regulation  
Department of Environmental Protection  
2600 Blair Stone Rd. Tallahassee, Florida 32399-2400

**Re: FPL Putnam Power Plant Replacement Emergency Generator  
Title V Air Operation Permit No. 1070014-006-AV  
Transfer of Emergency Generator from Cape Canaveral Power Plant to Putnam Power  
Plant**

Dear Mr. Casio,

The purpose of this correspondence is to provide information on the emergency generator transferred from the demolished Cape Canaveral Power Plant to the Putnam Power Plant. The Putnam emergency generator failed and the Cape Canaveral generator is in storage at the site. The facility is planning in service for summer 2011.

Attached is the ICE Appendix from the Cape Canaveral Title V permit, which was major for HAPs. The Putnam Power Plant is also major for HAPs. We would like to incorporate this generator into the existing Title V permit for the Putnam Power Plant upon the next renewal. If we need to take action prior to renewal please contact me.

Thank you for your assistance in this matter, and if you need additional information, please do not hesitate to contact me on my cell phone (561) 758-3760 or email [mary.archer@fpl.com](mailto:mary.archer@fpl.com).

Sincerely,

A handwritten signature in cursive script, appearing to read 'Mary Archer', written in black ink.

Mary Archer  
Project Manager  
FPL Environmental Services

Cc: NE District Office, FDEP  
Attachment: page 15 of PCC T-V appx

**APPENDIX ICE**  
**REQUIREMENTS FOR INTERNAL COMBUSTION ENGINES**

This Title V facility contains stationary internal combustion engines that have been exempted from the requirement to obtain an air construction permit because they qualify for one of the categorical exemptions listed in Rule 62-210.300(3)(a), Florida Administrative Code (F.A.C.). However, they are included in this permit as regulated emissions units because they are subject to one or more of the following federal rules:

- 40 CFR 60, Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.
- 40 CFR 60, Subpart JJJJ—Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.
- 40 CFR 63, Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

The below listed engine is subject to the specified federal rules. The following table also contains equipment that is exempt from the above listed federal rules and is addressed here for clarity.

EU ID no	Engine description	In-service date	Cylinder Displacement	Rated hp	Rule applicability
006 New	RICE Caterpillar 3456 SN# C3G01223	Manufactured Date: 9/27/06  Purchased 11/08	15.8 liter	670	ZZZZ and IIII

The engine listed above is currently demonstrating compliance with the emissions limitations of the applicable federal rule through the retention of a manufacturer's certification statement. So long as that certification is able to be retained, no additional compliance demonstration is required. At such time that the manufacturer's certification is no longer valid (i.e., due to operation or maintenance practices that are inconsistent with the manufacturer's recommendations), the permittee shall begin demonstrating compliance with the standards listed in the applicable federal rule (included in the appendices as an enforceable part of this permit) in a manner that is prescribed by that rule.