Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

NOTICE OF ADMINISTRATIVELY CORRECTED TITLE V AIR OPERATION PERMIT

In the Matter of a Request for Administrative Correction:

Ken Nusche, PGD Regional Plant General Manager
Florida Power and Light Company
19050 State Route 62
Parrish, Florida 34219

Project No. 0710002-029-AV
Administrative Correction to:
Permit No. 0710002-028-AV
Lee County

Enclosed are the administratively corrected pages to Title V Air Operation Permit No. 0710002-028-AV for the operation of the Fort Myers Power Plant located in Lee County at 10650 State Route 80 in Fort Myers, Florida. This correction is issued pursuant to Rule 62-210.360, Florida Administrative Code (F.A.C.), and Chapter 403, Florida Statutes (F.S.). This change is made at the applicant's request dated February 27, 2018, to clarify that the remaining gas turbines (GTs) at the facility are GTs 1 and 9 (Emission Unit Nos. 004 and 011, respectively). This corrective action does not alter the effective dates of the existing permit. A copy of this corrective action shall be kept on file at the facility with the permit being corrected and shall be incorporated into the permit the next time it is opened.

The Department of Environmental Protection (Department) will consider the above-noted action final unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, Agency_Clerk@dep.state.fl.us, before the deadline. Petitions must be filed within 14 days of receipt of this administratively corrected permit. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action

is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this written notice. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida 32399-3000, Agency_Clerk@dep.state.fl.us, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

David Lyle Read, P.E.
2018.03.01 08:17:16 -05'00'

for:
Syed Arif, P.E., Program Administrator
Office of Permitting and Compliance
Division of Air Resource Management

SA/dlr/jpd

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Administratively Corrected Permit (including the corrected pages) or a link to these documents made available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested to the persons listed below:

Ken Nusche, Florida Power and Light Company, ken.nusche@fpl.com
John Hampp, Florida Power and Light Company, john.hampp@fpl.com
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Barbara Friday, DEP OPC, barbara.friday@dep.state.fl.us

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

Lynn Scearce 2018.03.01 09:26:43 -05'00'

The following permit conditions and descriptions are revised as indicated. ~~Strikethrough~~ is used to denote the deletion of text. Double-underlines are used to denote the addition of text. All changes are emphasized with shading.

1. Table of Contents. Line III.A.
   Simple-Cycle Combustion Turbines #1 ~~– 2~~ and 9 (E.U. ID Nos. 003 ~~to 004~~ and 011)

2. Section 1, Subsection B. Summary of Emissions Units.

EU No.	Brief Description
Regulated Emissions Units	
003	Combustion Turbine #1.
~~004~~ 011	Combustion Turbine #~~2~~ 9.
018	Combustion Turbine 2A, Combined-Cycle Unit with Non-Fired HRSG.
019	Combustion Turbine 2B, Combined-Cycle Unit with Non-Fired HRSG.
020	Combustion Turbine 2C, Combined-Cycle Unit with Non-Fired HRSG.
021	Combustion Turbine 2D, Combined-Cycle Unit with Non-Fired HRSG.
022	Combustion Turbine 2E, Combined-Cycle Unit with Non-Fired HRSG.
023	Combustion Turbine 2F, Combined-Cycle Unit with Non-Fired HRSG.
024	6 Natural Gas Pre-Heaters.
027	Combustion Turbine 3A, Simple-Cycle Peaking Unit.
028	Combustion Turbine 3B, Simple-Cycle Peaking Unit.
033	One diesel fire pump, manufactured by Caterpillar, serial number 03Z17257, Model 3208, 2300 RPM, 187 HP, in service 2001, 8 cylinders, 646 cubic inches.
034	Combustion Turbine 3C, Simple-Cycle Peaking Unit
035	Combustion Turbine 3D, Simple-Cycle Peaking Unit
Unregulated Emissions Units and Activities	
015	Painting of plant equipment and non-halogenated solvent cleaning operations.
016	Miscellaneous mobile equipment.
025	Cooling Tower.
031	Hurricane Shelter Propane-fired Emergency Generators (2).
032	Emergency Generators: fixed diesel engines (3), 2.3 MW, manufactured by Caterpillar, Model # 3500B, serial numbers: #1 8XS00544, #2 8XS00546, #3 8XS00545, 3,096 HP, 2,310 KW, in service 12/27/05, #2 distillate (diesel) fuel, 16 cylinders, 4,210.64 cubic inches.

3. Section 1, Subsection C. Applicable Regulations.

Regulation	EU No(s).
Federal Rule Citations	
40 Code of Federal Regulations (CFR) 60, Subpart A, New Source Performance Standards (NSPS) General Provisions	018, 019, 020, 021, 022, 023, 027, 028
40 CFR 60, Subpart KKKK, Standards of Performance for Stationary Combustion Turbines	018, 019, 020, 021, 022, 023, 027, 028, 034, 035

Regulation	EU No(s).
40 CFR Part 63, Subpart A - National Emissions Standards for Hazardous Air Pollutants General Provisions	033
40 CFR Part 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	033
40 CFR 63, Subpart DDDDD, NESHAP for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters	024
40 CFR 75 Acid Rain Monitoring Provisions	018, 019, 020, 021, 022, 023, 027, 028, 034, 035
State Rule Citations	
Rule 62-4, Florida Administrative Code (F.A.C.) (Permitting Requirements)	003, ~~004~~ 011, 018, 019, 020, 021, 022, 023, 024,027, 028, 034, 035
Rule 62-204, F.A.C. (Ambient Air Quality Requirements, PSD Increments, and Federal Regulations Adopted by Reference)	003, ~~004~~ 011, 018, 019, 020, 021, 022, 023, 024,027, 028, 034, 035
Rule 62-210, F.A.C. (Permits Required, Public Notice, Reports, Stack Height Policy, Circumvention, Excess Emissions, and Forms)	003, ~~004~~ 011
Rule 62-212, F.A.C. (Preconstruction Review, PSD Review and Best Available Control Technology (BACT))	003, ~~004~~ 011, 018, 019, 020, 021, 022, 023, 024,027, 028, 034, 035
Rule 62-213, F.A.C. (Title V Air Operation Permits for Major Sources of Air Pollution)	003, ~~004~~ 011, 018, 019, 020, 021, 022, 023, 024,027, 028, 034, 035
Rule 62-214, F.A.C. (Requirements For Sources Subject To The Federal Acid Rain Program)	018, 019, 020, 021, 022, 023, 027, 028, 034, 035
Rule 62-296.470, F.A.C. (Clean Air Interstate Rule) (CAIR)	018, 019, 020, 021, 022, 023, 027, 028, 034, 035
Rule 62-296, F.A.C. (Emission Limiting Standards)	003, ~~004~~ 011, 018, 019, 020, 021, 022, 023, 024,027, 028, 034, 035
Rule 62-297, F.A.C. (Test Methods and Procedures, Continuous Monitoring Specifications, and Alternate Sampling Procedures)	003, ~~004~~ 011, 018, 019, 020, 021, 022, 023, 024,027, 028, 034, 035

4. Section 3, Subsection A. Unit Description.

The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
003	Combustion Turbine #1 (used for black start capability and for generation)
~~004~~ 011	Combustion Turbine #~~2~~ 9 (used for black start capability and for generation)

5. Section 3, Subsection A. Specific Condition A.1.

A.1. Permitted Capacity. The maximum allowable heat input rate to the combustion turbines shall not exceed:

Unit Nos.	Million British thermal units (MMBtu)/hr Heat Input	Fuel Type
003 ~~through~~ ~~004~~ and 011	895 MMBtu/hr/unit, at 25 degrees F (or 760 MMBtu/hr/unit, at 59 degrees F). This maximum heat input rate will vary depending on the ambient conditions and the combustion turbine characteristics, as determined by manufacturer's curves corrected for site conditions.	No. 2 distillate fuel oil or on-specification used oil from Florida Power & Light Company operations. These fuels may be mixed or burned simultaneously.

[Rules 62-4.160(2), 62-204.800, 62-210.200(PTE), F.A.C.; AO36-223496, Specific Condition No. 1; and 0710002-005-AC, Specific Condition No. 20.]

6. Appendix CP, Compliance Plan.

Background

In accordance with Specific Conditions, A.13, A.16, B.27, C.37, C.38, C.40, C.42, C.43, C.44, and C.45 of the existing Title V permit, testing on gas turbine GT-9, ~~renamed GT-2,~~ combustion turbines 2A-2F, and peaker units 3A & 3B shall be conducted coincident with the permit renewal this calendar year (2017). The testing on GT-~~2~~ 9 will be representative of the only other remaining gas turbine GT-1. The calendar year testing is shortened by the need to submit the permit applications before May 20, 2017. The testing, while scheduled within the calendar year, will occur after the permit submission date, and the test reports will follow no later than 45 days thereafter.

Plan

- Permit Renewal Application submittal is planned for the 1st week of May 2017
- Testing of GT-9, ~~renamed GT-2,~~ is scheduled for the week of May 22nd, 2017.
- Testing for units 2A-2F is scheduled for Early –Mid October 2017.
- Testing for units 3A & 3B is scheduled for the week of May 22nd, 2017.
- The gas heaters on Units 3A &3B were retired effective March 1, 2017 and, therefore, will not be tested
- Submittal of Test Reports will follow the standard protocol and will be submitted within 45 days of the completed tests.