Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Interim Secretary

NOTICE OF ADMINISTRATIVELY CORRECTED PERMIT

In the Matter of a Request for Administrative Correction:

Mr. Ken Nusche, Plant General Manager
Florida Power and Light Company
700 Universe Boulevard
Juno Beach, Florida 33408

Project No. 0810010-023-AV
Administrative Correction to Permit No. 0810010-022-AV
Manatee Power Plant
Manatee County

Enclosed are Administratively Corrected Conditions to the Title V Air Operation Permit No. 0810010-022-AV and associated Statement of Basis (SOB) for the operation of the Manatee Power Plant located in in Manatee County at 19050 State Road 62 in Parrish, Florida. These corrections is issued pursuant to Rule 62-210.360, Florida Administrative Code (F.A.C.), and Chapter 403, Florida Statutes (F.S.). These changes are made per an applicant's request dated July 10, 2015. The requested changes are as follows: remove the second permitting note from **Condition 7** in SOB that references **Specific Condition A.33** of the permit and make clarifications to the language of the second paragraph of the condition; in **Condition 10** in the Statement of Basis correct the referenced test method from CTM-028 to CTM 027; in **Specific Condition A.15** of the permit correct typos within continuous opacity monitoring system (COMS) permitting note; and in **Specific Conditions B.10** and **B.21** of the permit remove references to test method CTM-028. This corrective action does not alter the effective dates of the existing permit.

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.

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 (received) by the Agency Clerk in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS #35, Tallahassee, Florida 32399-3000, Agency.Clerk@dep.state.fl.us, before the deadline. Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice. Petitions filed by any other person must be filed within 14 (fourteen) days of receipt of this proposed action. A petitioner must 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 indicate; (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 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.

Any party to this order (permit) has the right to seek judicial review of it under Section 120.68, F.S., by the filing of a Notice of Appeal, under Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000; 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 of Appeal must be filed within thirty days from the date this notice is filed with the Clerk of the permitting authority.

Executed in Tallahassee, Florida.

David Lyle Read, P.E.
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For:
Jeffery F. Koerner, Deputy Director
Division of Air Resource Management

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 available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested to the persons listed below:

Mr. Ken Nusche, FPL: ken.nusche@fpl.com
Mr. Jeffrey Zuczek, FPL: jeffrey.zuczek@fpl.com
Mr. Ken Kosky, P.E., Golder Associates: kkosky@golder.com
Ms. Kelley Boatwright, SWD: kelley.boatwright@dep.state.fl.us
DEP Siting Office: SCO@dep.state.fl.us
Ms. Heather Ceron, EPA Region 4: ceron.heather@epa.gov
Ms. Natasha Hazziez, EPA Region 4: hazziez.natasha@epa.gov
Ms. Ana Oquendo, U.S. EPA Region 4: oquendo.ana@epa.gov
Ms. Lynn Scearce, DEP OPC: lynn.scearce@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

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Pursuant to the applicant's request, conditions/requirements contained in permit No. 0810010-022-AV and associated SOB have been corrected as indicated below. ~~Strikethrough~~ is used to denote the deletion of text. Double-underlines are used to denote the addition of text. All changes are emphasized with yellow highlight.

1. The second permitting note associated with **Condition 7** from SOB that references **Specific Condition 33** of the permit is removed from the permit. This permitting note had already been removed from Title V permit make the note obsolete.

   ~~*{Permitting Note: Per §63.9981, §63.9983 and §63.9984, once an oil-fired electric utility steam generating unit (EGU) meets the definition of "fossil fuel-fired, i.e., any EGU that fired fossil fuels for more than 10.0 percent of the average annual heat input during any 3 consecutive calendar years or for more than 15.0 percent of the annual heat input during any one calendar year after the applicable compliance date, it then must comply henceforth with the applicable existing source provisions of Subpart UUUUU on the date such unit meets the definition of an EGU subject to this subpart (once in always in for MACT standards)}.*~~

2. Clarifications and corrections to the language in the second paragraph in **Condition 7** of the SOB are made as follows.

   7. New NESHAP Requirements were incorporated into the permit for Fossil Fuel Steam Generator, Unit 1 (EU 001) and Fossil Fuel Steam Generator, Unit 2 (EU 002). Specifically, these emissions units are subject to either: *40 CFR 63, Subpart UUUUU - National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units* or *40 CFR 63, Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters*. Which of these subpart is applicable to Unit 1 and 2 depends if upon whether the unit meets the definition of a Oil-fired electric utility steam generating unit in Subpart UUUUU: *Oil-fired electric utility steam generating unit means an electric utility steam generating unit meeting the definition of "fossil fuel-fired" that is not a coal-fired electric utility steam generating unit and that burns oil for more than 10.0 percent of the average annual heat input during any 3 consecutive calendar years or for more than 15.0 percent of the annual heat input during any one calendar year*. If a unit meets this definition, it becomes subject to this Subpart.

      As previously mention, ~~due to proposed changes~~ EPA proposed an error correction rule ~~has made~~ to Subpart DDDDD that could exclude gas-fired EGU's ~~emission units 001 and 002 could in the future not be subject to Subpart DDDDD~~.

3. The referenced test method in **Condition 10** of the SOB is changed from CTM-028 to CTM-027.

   10. A new Appendix ASP (Alternative Sampling Procedure) was added that allows ammonia slip compliance testing per CTM-02~~8~~7. The ASP was incorporated into Specific Condition B.10. footnote "f" and Specific Condition B.21.

4. Typos within COMS Permitting Note of **Specific Condition A.15** in Title V permit were corrected.

   Continuous Monitoring Requirements

   A.15. COMS for Periodic Monitoring. The owner or operator was required to install continuous opacity monitoring systems (COMS) pursuant to 40 CFR Part 75. The owner or operator shall maintain and operate COMS and shall make and maintain records of opacity measured by the COMS, for purposes of periodic monitoring. [Rule 62-213.440, F.A.C., and applicant agreement with EPA on March 3, 1998.]

   {Permitting Notice: In addition, Units 1or 2 are no longer required to operate continuous opacity monitors (COMs) so long as each Unit maintains "gas-firing" status according to ~~Part 7.~~ Part 75 exempts "gas-fired" units from opacity monitor requirements by way of the definition in 40 CFR 72.2. The Manatee Units 1&2 meet the gas-fi-red definition. Also, 62-296.405 (1)(f)1, F.A.C. requires that fossil fueled steam generators with capacity factors greater than 30% must install opacity ~~y~~ monitors. Manatee Units 1&2 are well below the 30 % capacity factor requirement. Therefore opacity monitors are no longer ~~r~~ required. In the future if FP&L Manatee, Unit 1 or 2 f-ails lo meet the definition of gas-fired in 40 CFR 72, then FP~~-&~~L has one year to install and certify an opacity monitor from the end

of year in which the units at Manatee do not meet the definition of a gas-fired unit in 40 CFR 72.2 and specific Conditions A.5 (COMs portion). A.6 (COMs portion), and A.15 of this Permit shall once again apply.}

5. The reference to test method CTM-028 **Specific Condition B.10**., footnote "f" and **Specific Condition B.21**. of the permit is removed as follows:

B.10.

(f) Subject to the requirements of this subsection, each SCR system shall be designed and operated for an initial ammonia slip target of less than 5 ppmvd corrected to 15% oxygen based on the average of three test runs. Compliance with the ammonia slip standard shall be demonstrated by conducting tests in accordance with EPA Method CTM-027, ~~or CTM-028,~~ or EPA-320.

B.21. Test Methods. Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
CTM-027; ~~CTM-028;~~ EPA-320	Procedure for Collection and Analysis of Ammonia in Stationary Source *{Notes: This is an EPA conditional test method. The minimum detection limit shall be 1 ppm. Also, see the Department's ASP letter attached in the permit appendices section.}*
7E	Determination of Nitrogen Oxide Emissions from Stationary Sources
9	Visual Determination of the Opacity of Emissions from Stationary Sources
10	Determination of Carbon Monoxide Emissions from Stationary Sources *{Notes: The method shall be based on a continuous sampling train. The ascarite trap may be omitted or the interference trap of section 10.1 may be used in lieu of the silica gel and ascarite traps.}*
18	Measurement of Gaseous Organic Compound Emissions by Gas Chromatography {Note: EPA Method 18 may be used (optional) concurrently with EPA Method 25A to deduct emissions of methane and ethane from the measured VOC emissions.}
20	Determination of Nitrogen Oxides, Sulfur Dioxide and Diluent Emissions from Stationary Gas Turbines
25A	Determination of Volatile Organic Concentrations