



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

**Permittee:**

JEA  
21 West Church Street, Tower 8  
Jacksonville, Florida 32202-3139

**FINAL Permit No.:** 0310485-016-AV

**SIC Nos.** 49, 4911

**Project:** Title V Air Operation Permit Revision

The subject of this permit is for the revision of the Title V Air Operation Permit to incorporate the terms and conditions of air construction permit (AC), No. 0310485-017-AC/PSD-FL-310(F). Specifically, the AC authorized an increase in the heat input rate to the heat recovery steam generator's (HRSG's) supplementary-fired (natural gas) duct burner from 170 to 200 MMBtu/hr for each combined-cycle combustion turbine-electrical generator, EU-002 and EU-003, at the existing Brandy Branch Generating Station. No physical change is required to achieve this heat input rate increase. The change reflects the installed capacity of the HRSG's duct burners. Also, each HRSG's duct burner will have a restriction on the hours of operation of 4,500 hours per consecutive 12-months to keep the pollutant emissions to less than significant and to avoid PSD new source review. The facility is located approximately 1 mile N.E. of Baldwin City, Duval County. UTM coordinates are: Zone 17; 408.81 km E; 3354.38 km N. Latitude: 30 degrees, 19 minutes, 14 seconds; Longitude 81 degrees, 56 minutes, 55 seconds.

This Title V Air Operation Permit Revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. The above named Permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

**Referenced documents made a part of this permit revision (not attached):**

APPENDIX TV-6, TITLE V CONDITIONS (version dated 06/23/06)

Appendix SS-1, Stack Sampling Facilities (version dated 10/07/96)

TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/07/96)

Figure 1 - SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM REPORT (version dated 7/96)

Acid Rain Phase II Part Application dated December 14, 1999, and received on January 3, 2000.

Alternate Sampling Procedures: ASP Number 97-B-01 and ASP 92-0-01

**Revision Effective Date:** December 19, 2006

**Renewal Application Due Date:** July 5, 2008

**Expiration Date:** December 31, 2008

Joseph Kahn, Director  
Division of Air Resource Management

JK/jfk/bm

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