STATEMENT OF BASIS

Title V Air Operation Permit Renewal
DRAFT Permit No. 0310010-008-AV
Renewal of Title V Operation Permit No. 0310010-005-AV

APPLICANT

The applicant for this project is Baptist Medical Center, Prudential Drive Facility. The applicant's responsible official and mailing address are: L. Paul Singletary, Director of Plant Facilities Construction & Operation, Baptist Medical Center, Prudential Drive Facility, 800 Prudential Drive, Jacksonville, FL 32207.

FACILITY DESCRIPTION

The applicant operates the Prudential Drive Facility, which is located at 800 Prudential Drive, Jacksonville FL 32207.

This facility consists of a full care medical center including hospital. Regulated emission units (EU) include two steam boilers fired by natural gas or No. 2 fuel oil, three combustion turbine generators (heat recovery is employed on the exhaust gases of the combustion turbines) for the production of electricity, one duct burner in the Combustion Turbine T-4 duct and one duct burner in the Combustion Turbine T-2 duct prior to the heat recovery boilers.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

PROJECT DESCRIPTION

The purpose of this permitting project is to renew the existing Title V Air Operation Permit No. 0310010-005-AV for the above referenced facility.

PRIMARY REGULATORY REQUIREMENTS

Baptist Medical Center is a major source of air pollution because the potential emissions of regulated air pollutants are greater than 100 tons per year pursuant to Chapter 62-210, FAC, and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).

The facility is subject to the provisions of New Source Performance Standards (NSPS), 40 Code of Federal Regulation (CFR) 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, Subpart GG, Standards of Performance for Stationary Gas Turbines, and 40 CFR 60, Subpart A, General Conditions. The two boilers (EU015 and EU016) and duct burner (EU017) are subject to a Best Available Control Technology Determination.

Based upon the Title V permit renewal application received on December 3, 2010, Baptist Medical Center is not a major source of hazardous air pollutants (HAPs).

Compliance Assurance Monitoring (CAM) requirements do not apply to any emission units at this facility.

CONCLUSION

This project renews Title V Air Operation Permit No. 0310010-005-AV, which was issued on September 28, 2006. This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (FS), and Chapters 62-4, 62-210, 62-213 and 214, (FAC). In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility shown on the application and approved drawings, plans, and other documents on file with the Permitting Authority.

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