Gulf Power Company
Crist Electric Generating Plant

Title V Air Operation Permit Revision
Permit No. 0330045-035-AV

APPLICANT

The applicant for this project is Gulf Power Company. The applicant's responsible official and mailing address are: Michael Burroughs, Vice President, Power Generation, Gulf Power Company, Crist Electric Generating Plant, One Energy Place, Pensacola, Florida 32520-0100.

FACILITY DESCRIPTION

The applicant operates the existing Crist Electric Generating Plant, which is located in Escambia County, on Pate Road, off of 10 Mile Road on Governors Bayou, North of Pensacola, Florida. The existing facility consists of the following emissions units: four active fossil fuel fired steam generators (boilers) and three fly ash silos. Boilers 4 and 5 were Acid Rain Phase I substitution Units. Boilers 6 and 7 were Acid Rain Phase I Units. All four boilers are subject to the Acid Rain Phase II requirements. Pulverized coal is the primary fuel for boilers 4, 5, 6 and 7. Natural gas, fuel oil and on-specification used oil are used as supplemental fuels in all four of the units.

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

PROJECT DESCRIPTION

This project is for a revision to Title V air operation permit No. 0330045-025-AV, to incorporate a revised Acid Rain Phase II NO_X Averaging Plan.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Application for a Title V Air Operation Permit Revision received October 1, 2012. Application deemed complete.

Draft/Proposed Permit issued November 8, 2012.

Public Notice Published November 9, 2012. EPA notified November 15, 2012.

PRIMARY REGULATORY REQUIREMENTS

The existing facility is regulated under:

Title I: The facility is identified as a major source of hazardous air pollutants (HAP).

Title IV: The facility operates units subject to the acid rain provisions of the Clean Air Act.

Title V: The facility is a Title V major source of air pollution in accordance with Chapter 213, Florida Administrative Code (F.A.C.).

PSD: The facility is a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

NESHAP: The facility operates units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

NSPS: The facility operates units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

CAIR: The facility is subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Emissions Units 004, 005, 006 and 007 are subject to the Compliance Assurance Monitoring (CAM) requirements of 40 CFR 64 for controlled emissions of particulate matter.

PROJECT REVIEW

This project is for a revision to Title V air operation permit No. 0330045-025-AV, to incorporate a revised Acid Rain Phase II NO_X Averaging Plan. The application was deemed complete on October 1, 2012.

CONCLUSION

This project revises Title V air operation permit No. 0330045-025-AV, which was effective on January 1, 2010. This Title V final Air Operation Permit revision is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210, 62-213 and 62-214, F.A.C.