Title V Air Operation Permit Renewal
Permit No. 0090106-006-AV

APPLICANT

The applicant for this project is the Florida Gas Transmission Company. The applicant's responsible official and mailing address is: Mr. Dave W. Shellhouse, Vice President, Florida Gas Transmission Company, 2405 Lucien Way, Suite 200, Maitland, FL 32751-7047.

FACILITY DESCRIPTION

The applicant operates Compressor Station No. 19, which is located at 3400 Ranch Road, West Melbourne, Florida.

This existing facility consists of four natural gas fired internal combustion engines. Two are rated at 2,600 bhp and are manufactured by Dresser-Rand, Model 412-KVSRA; one is rated at 5,000 bhp and is manufactured by Dresser-Rand, Model TCVD-10. The fourth internal combustion engine is a 385-hp natural gas-fired emergency electrical generator manufactured by Waukesha. This facility is part of a natural gas pipeline system serving the State of Florida.

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 permit for the above referenced facility.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

The application for the Title V Air Operation Permit Renewal was received on **February 13, 2015**.

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility is not identified as a major source of hazardous air pollutants (HAP).

Title V: The facility is a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: The facility is not a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

NSPS: The facility does not operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63. Three of the four engines are existing affected sources as defined by 40 CFR 63, Subpart ZZZZ. However, pursuant to 40 CFR 63.6590(b)(3)(i) and (ii), existing 2SLB RICE and 4 SLB RICE with a site rating greater than 500 bhp located at major HAP sources do not have to meet the requirements of 40 CFR 63, Subparts A or ZZZZ, and are not required to submit an initial notification. The fourth engine (emergency generator engine) is an existing affected source as defined by 40 CFR 63, Subpart ZZZZ also; however, it has a site rating less than 500 bhp located at a major source of HAP. Pursuant to 40 CFR 63.6602, it must comply with the applicable requirements listed in Table 2C of the subpart.

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) does not apply to any of the units at the facility.

PROJECT REVIEW

Changes that were made as part of this renewal include the following:

(1) Reformatting to reflect new Title V permit template Facility-wide Conditions

(2) Deleting the emergency generator unit from the insignificant emissions units and activities list and reclassifying it as an emission unit, because it is subject to unit specific conditions of 40 CFR 63, Subpart ZZZZ. It has been designated as Emission Unit 004.

RECENT PERMIT HISTORY

Title V Permit Renewal 0090106-004-AV was issued 10/01/2005.

Title V Permit Renewal 0090106-005-AV was issued 10/01/2010.

CONCLUSION

This project renews Title V air operation permit No. 0090106-005-AV, which was issued on 10/01/2010. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.