Subsection A. Facility Description.

The facility is a natural gas pipeline compressor station (Compressor Station 420) on the Gulfstream natural gas pipeline transmission system, which extends from the Mississippi/Alabama coast southeastward across the Gulf of Mexico to market areas in Central Florida. Three combustion gas turbines (Compressor Combustion Gas Turbine Nos. 1, 2, and 3) are used to power axial gas compressors (gas turbine compressor sets) to maintain natural gas pipeline pressure. The combustion gas turbine units are fired with natural gas and are located inside a metal building, with the exhaust gas ducted to vertical rectangular exhaust stacks.

The facility also includes three natural gas fired backup emergency generators powered by reciprocating internal combustion engines. Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Subsection B. Summary of Emissions Units.

EU ID No.	Brief Description
Regulated Emissions Units	
001	Compressor Combustion Gas Turbine No. 1 (Solar Mars Model 100-15000S)
002	Compressor Combustion Gas Turbine No. 2 (Solar Mars Model 100-15000S)
003	Compressor Combustion Gas Turbine No. 3 (Solar Titan Model 130-20502S)
004	Existing Emergency Generator with Stationary Natural Gas Fired Spark Ignition (SI) Four-Stroke Lean Burn (4SLB) Reciprocating Internal Combustion Engine (RICE) < 500 HP
Unregulated Emissions Units and Activities	
005	Existing Emergency Generators (2), each with 1,175 HP Stationary Natural Gas Fired Spark Ignition (SI) Four-Stroke Lean Burn (4SLB) Reciprocating Internal Combustion Engines (RICE)

Subsection C. Applicable Regulations.

Based on the initial Title V air operation permit application received 09/26/11, this facility is not a major source of hazardous air pollutants (HAP). A summary of applicable regulations is shown in the following table.

Federal Regulation	**EU No(s).**
40 CFR 60 Subpart A (General Provisions to 40 CFR 60)	001 thru 003
Appendix NSPS 40 CFR 60 Subpart KKKK (Standards of Performance for Stationary Combustion Turbines)	001 thru 003
Appendix NESHAP 40 CFR 63 Subpart A (General Provisions to 40 CFR 63)	004
Appendix NESHAP 40 CFR 63 Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Ignition Internal Combustion Engines)	004
State Regulations	EU No(s).
Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, F.A.C.	All

FINAL PERMIT

PERMITTEE:
Gulfstream Natural Gas System, L.L.C.
1905 Intermodal Circle, Suite 310,
Palmetto, FL 34221

Permit No. 0810215-004-AV
Compressor Station 420
Facility ID No. 0810215
Initial Title V Air Operation Permit

The purpose of this permit is for the initial Title V air operation permit for the above referenced facility. The existing Compressor Station 420 is located in Manatee County at 4610 Buckeye Road, in Palmetto, Florida. The UTM coordinates are Zone 17, 350.36 km East, and 3056.54 km North. Latitude is: 27° 37' 28.5" North and Longitude: 82° 31' 00" West.

The Title V air operation permit 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. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: February 21, 2012
Renewal Application Due Date: July 11, 2016
Expiration Date: February 21, 2017

Robert C. Wong
District Air Program Administrator
Southwest District

RCW/dz/pp