



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

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Secretary of Natural Resources

Dennis H. Treacy
Director

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COMMONWEALTH OF VIRGINIA OPERATING PERMIT

STATIONARY SOURCE PERMIT TO OPERATE

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Columbia Gas Transmission Corporation

P.O. Box 1273

Charleston, WV 25325-1273

Registration No: 72265

County-Plant No: 107-0125

is authorized to operate

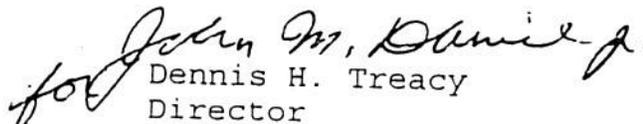
a natural gas pipeline compressor station

located at

Route 860, approximately 2 miles north of
U.S. Route 50, in the vicinity of
Gilbert's Corner, Loudoun County, Virginia

in accordance with the Conditions of this permit and all other applicable permits and regulations of the State Air Pollution Control Board.

Approved on May 23, 2000.


Dennis H. Treacy
Director

Permit consists of 4 pages.
Permit Conditions 1 to 11.

PERMIT CONDITIONS - the regulatory reference and authority for the condition is listed in parentheses () after each condition.

1. This permit establishes source-specific emission standards and/or other requirements to implement reasonably available control technology (RACT) as required by 9 VAC 5-40-310 and 9 VAC 5-40-311 of the State Air Pollution Control Board's Regulations.
(9 VAC 5-80-800 C.2.b of State Regulations)
2. Equipment subject to 9 VAC 5 Chapter 40, Article 4 and RACT requirements pursuant to Section 182 of the federal Clean Air Act consists of:
 - eight (8) Solar, Saturn T-1302 turbines, natural gas-fired, rated at 14.46×10^6 Btu/hr each (based on lower heating value (LHV) of the fuel and rated horsepower);
 - one (1) Solar, Centaur T-4500 turbine, natural gas-fired, rated at 39.72×10^6 Btu/hr (based on LHV of the fuel and rated horsepower);
 - one (1) natural gas-fired auxiliary generator rated at 100.5 horsepower
3. The emissions controls and limitations of the State Air Pollution Control Board permit to install, modify, and operate that was issued on August 21, 1990 were determined to represent the required best available control technology, and therefore, for emissions of nitrogen oxides (NO_x) are no less stringent than RACT. Consequently, for the purposes of this permit the nitrogen oxides (NO_x) emissions from each of the eight (8) Solar, Saturn T-1302 turbines shall not exceed 76 parts per million, dry volume, corrected to 15 percent oxygen and ISO ambient conditions.
(9 VAC 5-40-310 and 9 VAC 5-40-311 of State Regulations)
4. The emissions controls and limitations of the State Air Pollution Control Board permit to install, modify, and operate that was issued on August 21, 1990 were determined to represent the required best available control technology, and therefore, for emissions of nitrogen oxides (NO_x) are no less stringent than RACT. Consequently, for the purposes of this permit the nitrogen oxides (NO_x) emissions from the Solar, Centaur T-4500 turbine shall not exceed 142 parts per million, dry volume, corrected to 15 percent oxygen and ISO ambient conditions.
(9 VAC 5-40-310 and 9 VAC 5-40-311 of State Regulations)

5. Exempted from the requirements of 9 VAC 5 Chapter 40, Article 4 for both volatile organic compounds (VOC) and nitrogen oxides (NO_x) are the following:
- a. Process operations with a process weight rate capacity less than 100 pounds per hour;
 - b. Any combustion unit using solid fuel with a maximum heat input of less than 350,000 Btu per hour;
 - c. Any combustion unit using liquid fuel with a maximum heat input of less than 1,000,000 Btu per hour;
 - d. Any combustion unit using gaseous fuel with a maximum heat input of less than 10,000,000 Btu per hour.

(9 VAC 5-40-240 of State Regulations)

6. Equipment specifically exempted from demonstrating RACT for NO_x includes the following:
- a. Any stationary internal combustion engine with a rated capacity of less than 450 hp of output power;
 - b. Any incinerator with a maximum capacity of less than 50 tons of waste per day;
 - c. Any incinerator or thermal or catalytic oxidizer used exclusively as an air pollution control equipment;
 - d. Any generator used solely to supply emergency power to buildings during periods when normal power supplies are interrupted and during periods of scheduled maintenance.
 - e. Any steam generating unit process heater or gas turbine with an annual capacity factor of less than 5.0%, except that three months following any calendar year during which the capacity factor is 5.0% or greater, the facility shall be subject to the NO_x RACT requirements of 9 VAC 5-40-310.

(9 VAC 5-40-311 of State Regulations)

7. At all times, including periods of startup, shutdown and malfunction, all units or processes, including those which are exempted by any conditions above, shall be maintained and

operated to the extent possible in a manner consistent with good air pollution control practice of minimizing emissions. (9 VAC 5-40-20 and 9 VAC 5-170-160 of State Regulations)

8. The permittee shall maintain the following records and documents to demonstrate compliance with this permit:

- Sufficient documentation to support claims that units on site are exempted under Conditions 5. and 6.

The format of such records shall be arranged with the Regional Compliance Manager. These records shall be available on site for inspection by the DEQ and shall be current for the most recent three years.

(9 VAC 5-80-900 of State Regulations)

9. Methods for demonstrating and reporting compliance with the conditions of this permit, including the periodic demonstration of compliance with the emission limits of this permit shall be incorporated in the federal operating ("Title V") permit for this facility. The records necessary to meet these requirements shall be as described in the federal operating permit and shall be retained by the permittee for a minimum of five years from the time that the relevant data was collected.

(9 VAC 5-80-110 of State Regulations)

10. In the event of any change in control of ownership of the permitted source, the permittee shall notify the succeeding owner of the existence of this permit by letter and send a copy of that letter to the Regional Compliance Manager.

(9 VAC 5-80-940 of State Regulations)

11. A copy of this permit shall be maintained on the premises of the facility to which it applies.

(9 VAC 5-80-860 of State Regulations)