

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
SOUTHWEST REGION - FIELD OPERATIONS
AIR QUALITY CONTROL
400 WATERFRONT DRIVE
PITTSBURGH, PENNSYLVANIA 15222-4745



RACT OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the Rules and Regulations of the Department of Environmental Resources, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No.:04-000-490=

Source: Generator, Boiler, & 4 Engines

Owner: CNG Transmission Corporation

Air:
Cleaning:
Devices:

Address: 445 W. Main St.
Clarksburg, WV 26301

Attention: Joseph A. Estanich
Engineer, Environmental Services

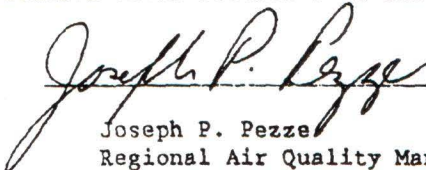
Plant: Beaver Station
Location: New Sewickley Townsh
County: Beaver

This permit is subject to the following conditions:

- (1) That the source and any associated air cleaning devices are to be:
 - (a) operated in such a manner as not to cause air pollution;
 - (b) operated and maintained in a manner consistent with good operating and management practices.
- (2) This permit valid only for the specific equipment, location and owner named above.
- (3) See attached.

Failure to comply with the conditions placed on this permit is a violation of Section 127.25. Violation of this or any other provision of Article III of the Rules and Regulations of the Department of Environmental Resources will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued: 06/23/95



Joseph P. Pezze
Regional Air Quality Manager
Southwest Region

NG Transmission Corporation
Plan Approval #04-000-490

Special Conditions

3. This Reasonably Available Control Technology (RACT) permit indicates approval by the Department of the RACT proposal submitted by CNG for the Beaver Station, North Sewickley Township, Beaver County, PA. Emission limits for the sources at this station were established in pre-construction Plan Approval No. 04-329-001 and are incorporated into this RACT permit as follows:

Table 1

Emission Limitations
(pounds per hour/tons per year)

Source	Rating	NOx	CO	VOC
Caterpillar 351251TA generator	778 HP	3.4/NA	2.2/NA	0.03/NA
Ajax WGFD-8500 boiler	8.5 mnbtu/hr	1.5/6.6	0.13/0.6	0.04/0.2
Dresser Rand TLAD-8 engines (X4)	3200 HP	14.1/61.8	18.3/80.3	5.6/24.6

4. RACT for control of NOx and VOC emissions at this station shall be the installation, operation and maintenance of all units in accordance with manufacturer's specifications, and in accordance with good air pollution control practice.
5. As established in pre-construction Plan Approval No. 04-329-001, the auxiliary generator shall be operated for emergency purposes only, except that it may be operated for non-emergency purposes for up to 250 hours per year. All other units at this station may be operated continuously.
6. CNG shall track and record hours of operation, natural gas consumption rate, portable analyzer results, and all maintenance and repair operations performed on the equipment at this station to comply with the record keeping requirements of Pa. Code, Title 25, Chapter 129.95.
7. Stack testing, using EPA methods, shall be performed on the exhaust from the four Dresser Rand TLAD-8 engines to verify the emission rates of NOx (as NO2), CO and VOCs during the ozone season (April through October) at least once every five years. Fuel consumption rate, engine operation parameters, and portable analyzer readings shall be recorded during the duration of the stack test. Tests shall be conducted while the engine is running at full load.
8. Condition 7 stack testing shall be performed in accordance with Pa. Code, Title 25, Chapter 139 and a Department Source Test Manual.
9. The company shall submit a pre-test protocol to the Department for review at least sixty days prior to the performance of the Condition 7 stack test.
10. The company shall also notify the Department at least two weeks prior to the Condition 7 stack test so that an observer may be present at the time of the test.
11. The company shall submit two copies of the Condition 7 stack test results to the Department within sixty days of test.
12. Stack testing using a portable analyzer shall be performed one time each year on the exhaust from the TLAD-8 engines. Engines that operated for more than 750 hours during the previous ozone season shall be stack tested using portable analyzers two times each year, to verify the rate of NOx (as NO2), CO and VOC emissions. CNG shall submit a complete portable analyzer operating procedure (including calibration, QA/QC and emission calculation methods) to the Department. Relative accuracy of the portable analyzer will be established by operating it and recording the results during an EPA method stack test. Results of the stack tests done using portable analyzers shall be retained by CNG and be made available to the Department upon request.