

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
AIR QUALITY PROGRAM

22 1994

OPERATING PERMIT

accordance with provisions of the Air Pollution Control Act, the 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.	<u>54-0004</u>	Source &	<u>(Condition #3)</u>
Owner	<u>Gilberton Power Company</u>	Air	<u></u>
Address	<u>P.O. Box 7</u> <u>299 Morea Road</u>	Cleaning	<u></u>
	<u>Frackville, PA 17931</u>	Device	<u></u>
Attention:	<u>David F. Martin</u> <u>General Manager</u>	Location	<u>West Mahanoy Township</u> <u>Schuylkill County</u>

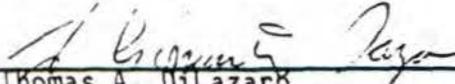
This permit is subject to the following conditions:

- (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) in compliance with the specifications and conditions of the plan approvals previously issued for this facility;
 - (c) operated and maintained in a manner consistent with good operating and maintenance practices.
- (2) This permit is valid only for the specific equipment, location and owner named above.

SEE ATTACHED.

Failure to comply with the conditions placed on this permit is in 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 DEC 20 1994
Expires ~~September 30, 1999~~


Thomas A. DiLazaro
Program Manager
Air Quality Program

(3) The following Operating Permits are issued for this facility and will be incorporated into this Operating Permit upon revision of the SIP.

<u>PERMIT NUMBER</u>	<u>SOURCE</u>	<u>AIR CLEANING DEVICE</u>
54-306-001	Two(2) Fluidized Bed Boilers & Ash Handling Equipment	Six (6) Fabric Collectors
54-302-047	Auxiliary Boiler	-----
54-305-014	Thermal Coal Drier & Assoc. Conveying & Storage	Three (3) Fabric Collectors & Enclosures

(4) This Operating Permit includes Reasonable Available Control Technology (RACT) determinations for the following sources as required by Title I of the CAAA:

- (a) Two (2) Fluidized Bed Boilers with a maximum heat input of 520 MMBtu/hr/unit.
- (b) One (1) #2 oil-fired Auxiliary Boiler with a maximum heat input of 50 MMBtu/hr.
- (c) One (1) 200 hp oil-fired Diesel Engine.

(5) Pursuant to the Best Available Control Technology provisions of 25 Pa. Code 127.83 (40 CFR 52.21(j)(2)), the following emission limits are hereby established for the facility's combustion units:

<u>POLLUTANT</u>	<u>ALLOWABLE POUNDS PER 10⁶ BTU HEAT INPUT</u>
Particulate	0.03
SO₂ Daily average maximum not to be exceeded at any time	0.40

NO_x RACT for the two (2) Fluidized Bed Boilers shall be the following:

<u>POLLUTANT</u>	<u>ALLOWABLE POUNDS PER 10⁶ BTU HEAT INPUT</u>
NO _x (30 Day Rolling Average)	0.30
(a) Opacity, sulfur dioxide and nitrous oxide emissions shall be recorded continuously. The recording charts shall be submitted quarterly and also be made available to Department personnel upon request at any time. These records shall be maintained for a period of time not less than two years.	
(6) NO _x RACT for the Auxiliary Boiler will be regulated under Presumptive RACT emission limitations as described under 129.93(b)(2). This source shall be limited to a maximum heat input of 50 MMBtu/hr. Presumptive RACT shall be the maintenance, and operation of the source in accordance with the manufacturers specifications, as described in 129.93(b)(2).	
(a) Records must show that the maximum heat input never exceeds the 50 MMBtu/hr limit.	
(7) NO _x for the 200 hp oil-fired diesel engine shall be regulated under the Presumptive RACT emission limitations 129.93(c)(5). The oil fired engine must operate less than 500 hours in a consecutive 12-month period. Presumptive RACT shall be the maintenance, and operation of the source in accordance with the manufacturers specifications, as described in 129.93(c).	
(8) Record keeping and reporting requirements are as follows:	
(a) The company shall maintain a file containing all records and other data that are required to be collected pursuant to the various provisions of this operating permit, 25 Pa. Code Section 129.95, such that records provide sufficient data and calculations to clearly demonstrate that the requirements of 25 Pa. Code Sections 129.91-94 are met. The file shall include, but not be limited to: air pollution control system performance evaluations and records of calibration checks, adjustments and maintenance performed on all equipment which is subject to this Operating Permit. All measurements, records and other data required to be maintained by the company shall be retained for at least two years following the date on which such measurements, records or data are recorded.	

- (b) All CEM reports shall be submitted to the Department within thirty (30) days after each quarter but no later than the time frame established in the Department's latest Continuous Source Monitoring Manual. The Department reserves the right to require the report submission in floppy disks with a format acceptable to the Department.
- (9) If requested by the Department, the company shall perform a stack test in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Resources within the time specified by the Department.
- (10) The expiration date shown on the Operating Permit is for State purposes. For Federal Enforcement purposes, the Operating Permit shall remain in effect as part of the State Implementation Plan (SIP) until replaced pursuant to 40 CFR 51.4 and approved by the US Environmental Protection Agency (EPA). The Operating Permit shall become enforceable by the US EPA upon its approval of the above as a revision to the SIP.
- (11) This Operating Permit is valid for a limited period of time. The Operating Permit Renewal must be in writing and must be accompanied by a permit fee in the amount of (five hundred dollars) \$500.00 payable to the "Commonwealth of Pennsylvania-Clean Air Fund" (\$250.00 application processing fee and \$250.00 annual administration fee). The request should be made on an Interim application for Renewal of a permit to Operate form and must be received by the Department along with a completed Compliance History form. An annual Operating Permit administration fee of two hundred fifty dollars (\$250.00) is also due no later than the anniversary date of this Operating Permit. The administration fee is to be submitted with one of the transmittal forms (attached).
- (12) Any notification required as a result of any condition herein should be directed to:

Thomas A. DiLazaro
Program Manager
Department of Environmental Resources
Air Quality Program
667 North River Street
Plains, PA 18705-1099