

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

OPERATING PERMIT

In 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 Protection, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No.	<u>54-0005</u>	Source &	<u>Electric Generation Plant</u>
Owner	<u>Wheelabrator Frackville Energy Co.</u>	Air	<u>Fluidized Bed Boiler</u>
Address	<u>P.O. Box 392</u>	Cleaning	<u>Fuel Preparation System</u>
	<u>Morea Road</u>		<u>Ash Handling System</u>
	<u>Frackville, PA 17931-0126</u>	Device	<u>3 Baghouses</u>
Attention:	<u>Mr. John Thalhauser</u>	Location	<u>Morea Road</u>
	<u>Plant Manager</u>		<u>Mahanoy Township</u> <u>Schuylkill County</u>

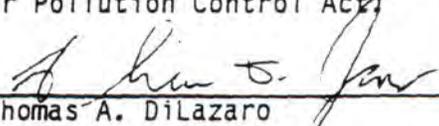
This permit is subject to the following conditions:

- (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 approval issued under the same number;
 - (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 127.444. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued SEP 18 1998
~~Expires June 30, 2000~~



Thomas A. DiLazaro
Program Manager
Air Quality Program

- (3) This Operating Permit incorporates Reasonable Available Control Technology (RACT) determinations for NOx as required by Title I provisions of the CAAA, and 25 PA Code Section 129.91 through 129.95 for one (1) Fluidized Bed Boiler controlled by three (3) fabric collectors, one (1) diesel fired emergency fire pump, one (1) diesel fired auxiliary boiler feed pump, one (1) diesel fired auxiliary generator, and nine (9) kerosene space heaters. This Operating Permit supersedes Operating Permit No. 54-306-002 issued for the Fluidized Bed Boiler. The terms and conditions of Operating Permit 54-306-002 are included in this Operating Permit.
- (4) 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	0.012
SO₂ Daily Average Maximum not to be exceeded at any time	0.21

NO_x RACT for the Fluidized Bed Boilers shall be the following:

<u>POLLUTANT</u>	<u>NEVER TO EXCEED POUNDS PER 10⁶ BTU HEAT INPUT</u>
NO _x (30 Day Rolling Average)	0.21

- (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.~~
- (5) ~~Coal samples shall be taken and analyzed monthly to determine: Ash content (% by weight); sulfur content (% by weight); and heat value (BTUs per pound). Reports are to be submitted to the Regional Air Pollution Control Engineer within thirty (30) days.~~
- (6) ~~NO_x RACT for the Diesel Fired Emergency Fire Pump, Diesel Fired Auxiliary Boiler Feed Pump, and the Diesel Auxiliary Generator shall be the maintenance, and operation of the sources in accordance with the manufacturer's specifications. The aforementioned sources must operate less than 500 hours in a consecutive 12-month period. The sources shall also be operated and maintained in accordance with good air pollution control practices.~~
- (7) ~~NO_x RACT for the Nine (9) Space Heaters shall be the maintenance, and operation of the source in accordance with the manufacturer's specifications. These sources shall be limited to a maximum heat input of 20 MMBtu/hr. The sources shall also be operated and maintained in accordance with good air pollution control practices.~~

(8) Recordkeeping 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 PA Code Sections 129.91-4 are met. The file shall include, but not be limited to: all air pollution control systems 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 stack tests in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection within the time specified by the Department.
- (10) The expiration date shown on this 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 U.S. Environmental Protection Agency (EPA). The Operating Permit shall become enforceable by the U.S. 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 (\$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 and 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).

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- (12) Any notification required as a result of any condition herein should be directed to:

Thomas A. DiLazaro
Program Manager
Department of Environmental Protection
Air Quality Program
2 Public Square
Wilkes-Barre, PA 18711-0790

- (13) This Operating Permit supercedes the previous Operating Permit issued on May 25, 1995.