

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
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 Resources, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No.	<u>54-000-6</u>	Source &	<u>Electric Generation Plant</u>
Owner	<u>Westwood Energy Properties, Inc. c/o CRS Serrine, Inc.</u>	Air	<u>Fluidized Bed Boiler,</u>
Address	<u>P.O. Box 312</u>	Cleaning	<u>Fuel Preparation System Ash Handling</u>
	<u>Tremont, PA 17981</u>	Device	<u>8 Baghouses</u>
Attention:	<u>Mr. Frank E. Johnson</u>	Location	<u>U. S. Route 209</u>
	<u>Plant Manager</u>		<u>Frailey Township</u>
			<u>Schuylkill County</u>

This permit is subject to the following conditions:

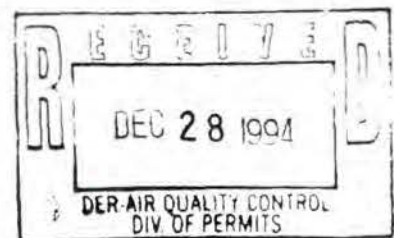
- (1) That the source and any associated air cleaning devices are to be:
  - (a) operated in such a manner as not to cause air pollution;
  - (b) in compliance with the specifications and conditions of the plan approval issued under for this facility;
  - (c) operated and maintained in a manner consistent 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 27 1994  
Expires October 31, 1999

*Thomas A. DiLazaro*  
Thomas A. DiLazaro  
Program Manager  
Air Quality Program



- (3) The following Operating Permit is 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>
54-306-004	Fluidized Bed Boiler, Fuel Preparation System Ash Handling System	Eight (8) Baghouses

- (4) This Operating Permit includes Reasonable Available Control Technology (RACT) determinations for the following sources as required by Title I of the CAAA:
- (a) Fluidized Bed Boiler with a maximum heat input of 423 MMBtu/hr.
  - (b) One (1) Fire Pump Engine No. 2 oil fired with a maximum heat input of 0.5 MMBtu/hr.
  - (c) Twelve (12) propane-fired space heaters with a maximum heat input of 1.8 MMBtu/hr.
- (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 10<sup>6</sup> BTU HEAT INPUT</u>
<del>Particulate</del>	<del>0.03</del>
<del>SO<sub>2</sub> Daily average maximum not to be exceeded at any time</del>	<del>0.20</del>

NO<sub>x</sub> RACT for the one (1) Fluidized Bed Boiler shall be the following:

<u>POLLUTANT</u>	<u>NEVER TO EXCEED POUNDS PER 10<sup>6</sup> BTU HEAT INPUT</u>
NO <sub>x</sub> (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<sub>x</sub> for the fire pump engine will be regulated under presumptive RACT emission limitations as described under 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).
- (7) NO<sub>x</sub> for the (12) Space Heaters will be regulated under the Presumptive RACT emissions limitations 129.93(c)(1). The source shall be limited to a maximum heat input of 20 MMBtu/hr. Presumptive RACT shall be the maintenance, and operation of the source in accordance with the manufacturers specifications, as described in 129.93(c)(1).
- (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

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES

ANNUAL OPERATING PERMIT ADMINISTRATION FEE TRANSMITTAL FORM

OPERATING PERMIT NO. 54-000-6

Permittee:	Westwood Energy Properties, Inc. c/o CRS Serrine, Inc.	Source &:	Electric Generation Plant
Address:	P.O. Box 312 Tremont, PA 17981	Air:	Fluidized Bed Boiler, Fuel Preparation System
Attention:	Mr. Frank E. Johnson Plant Manager	Cleaning:	Ash Handling
		Device:	8 Baghouses
		Location:	U. S. Route 209 Frailey Township Schuylkill County

Operating Permit:

**DEC 27 1994**

Issue Date: \_\_\_\_\_

Expiration Date: October 31, 1999

In accordance with Sections 6.3(d) and 6.3(j) of the Pennsylvania Air Pollution Control (as amended) the two hundred fifty dollars (\$250.00) annual Operating Permit administrative fee is being submitted.

A check in the amount of two hundred fifty dollars (\$250.00) payable to the "Commonwealth of Pennsylvania - Clean Air Fund" is enclosed.

Return this form and check annually to:

Department of Environmental Resources  
Air Quality Program  
Northeast Regional Office  
Cross Valley Centre  
667 North River Street  
Plains, PA 18705-1099  
Attn: Air Quality Operations Chief

