

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

OFFICIAL FILE COPY

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

Permit No.:	30-000-099	Source :	NOx & VOC sources
Owner :	West Penn Power Co.	Air	
Address :	800 Cabin Hill Drive Greensburg, PA 15601	Cleaning	Low Nox burners W/separated
Attention :	William Costelnock Generation Projects Director	Devices :	overfire air
		Plant:	Hatfield Power Station
		Location:	Monongahela Township
		County:	Greene

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 management practices.
2. This permit is valid only for the specific equipment, location and owner named above.
3. See attached:

Issued: 05/17/99


Joseph P. Pezze
Regional Air Quality Manager

3. This Operating Permit is for the operation of West Penn Power Company's Hatfield Station, Monongahela Township, Greene County and incorporates by reference the requirements of Plan Approvals 30-306-002, 30-306-003 and 30-306-004 issued for the installation of air cleaning devices (Low NOx cell burners with separate overfire air) on Units 2, 1 and 3, respectively.
4. The auxiliary boilers shall be operated for no more than 5% of the annual capacity factor and maintained in accordance with the manufacturer's specifications. The auxiliary boilers shall be operated and maintained in accordance with good air pollution control and engineering practices.
5. The owner/operator shall maintain an operating log for the auxiliary boilers to verify that the annual capacity limit of Condition #4 above is not exceeded. This log shall contain the following:
 - 1) Hours of operation,
 - 2) Fuel consumption,
 - 3) Fuel type, and
 - 4) Typical analysis and properties of fuel.
6. In accordance with 25 Pa. Code §129.95, the owner/operator of this facility shall keep sufficient records to clearly demonstrate compliance with the limitations, restrictions and requirements of this RACT operating permit. Data or information required to determine compliance shall be recorded and maintained in a time frame consistent with the averaging period of the RACT requirements. These records shall be maintained for at least two (2) years and be made available to the Department upon request.
7. The emission rate of NOx (nitrogen oxides as NO₂) from each stack shall not exceed 0.58 lb/mmbtu based on a 30 day rolling average.
8. For purposes of determining potential to emit (PTE) for NOx (nitrogen oxides as NO₂) only, the annual NOx emission rate shall not exceed 19,080 tons per stack and 38,160 tons total for Units 1, 2 and 3 in any consecutive 12-month period.
9. For purposes of determining potential to emit (PTE) for VOC (volatile organic compounds) only, the annual VOC emission rate shall not exceed 67.5 tons per stack and 135 tons total for Units 1, 2 and 3 in any consecutive 12-month period.
10. In order to verify compliance with the VOC emission rates of Condition #9 above, the owner/operator shall perform annual stack testing for VOC's in accordance with 25 Pa. Code

Chapter 139 and the Department's Source Testing Manual.

11. The owner/operator shall submit a pretest protocol for review at least 60 days prior to performance of the stack test.
12. The Department shall be notified at least two weeks in advance of the date and time of the stack test so that an observer may be present.
13. Two copies of the stack test results shall be supplied to the Department for review within sixty (60) days of completion of testing.
14. Emission reductions of the targeted contaminants below the level specified in this permit which are achieved by optimizing the effectiveness of equipment installed pursuant to the Plan Approvals are not surplus emission reductions and shall not be used to generate Emission Reduction Credits. In order for emission reductions to be creditable, the emission reductions must satisfy the requirements of 25 Pa. Code, Chapter 127, Subchapter E.
15. The expiration date shown on this RACT Operating Permit is for State purposes. For Federal enforcement purposes, the conditions of the Operating Permit which pertain to the implementation of the RACT regulations 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).
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