

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

RACT PLAN APPROVAL

Permit No.:	03-000-023	Source :	Boilers
Owner :	West Penn Power Company	Air :	Low NOx Burners
Address :	800 Cabin Hill Drive Greensburg, PA 15601	Cleaning: Devices :	
Attention :	C. L. Simons Engineer, Power Engineering	Plant :	Armstrong Power Station, Unit 2
		Location:	Washington Township
		County :	Armstrong

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the Rules and Regulations of the Department of Environmental Resources, the Department on December 29, 1994 approved plans for the the above indicated air contamination source(s).

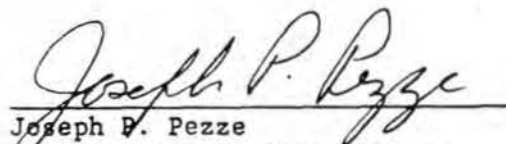
~~This PLAN APPROVAL expires 05/31/95~~

The plan approval is subject to the following conditions:

1. The air cleaning device is to be installed in accordance with the plans submitted with the application (as approved herein).
2. Upon completion of the installation of the above indicated air cleaning device a operating permit must be obtained from the person noted below.
3. See attached.

Notify the person noted below when the installation is completed so that the source can be inspected for issuance of an OPERATING PERMIT.

NOTE: Mark Wayner
Engineering Services
(412) 442-4173


Joseph P. Pezze
Regional Air Quality Manager
Southwest Region

West Penn Power Company
RACT Plan Approval #03-000-023

Special Conditions

3. This Approval is for the RACT plan for West Penn Power's Armstrong Generating Station, Washington Township, Armstrong County and incorporates by reference the requirements of Plan Approvals 03-306-004 and 03-306-006 issued for the installation of air cleaning devices (low NOx burners) on Units 2 and 1, respectively.
4. Armstrong Unit No. 1 shall not operate after May 31, 1995 without the low NOx burners installed and in operation.
5. The annual VOC (volatile organic compound) emissions from each unit shall not exceed 17 tons and 34 tons facility wide.
6. NOx (nitrogen oxides as NO₂) emissions from each unit shall not exceed 0.45 lb/mm BTU based on a 30-day rolling average.
7. In the event that the emission rate specified in Condition 6 above is not met, West Penn Power shall take additional measures necessary to comply. This includes but is not limited to separated over-fire air (SOFA) or selective non catalytic reduction (SNCR).
8. In accordance with 25 Pa. Code 127.11 West Penn Power shall submit a Plan Approval application for any additional measures specified in Condition No. 7 above that results in the installation of add on control technology (air cleaning devices).
9. Facility-wide NOx (nitrogen oxides expressed as NO₂) emissions shall not exceed 6230 tons per year.
10. Stack testing for particulate matter emissions/PM₁₀, and CO, shall be performed to determine emission rates.
11. All stack testing shall be performed in accordance with 25 Pa. Code Chapter 139 regulations and the Department's source testing manual.
12. Two copies of a pretest protocol shall be submitted to the Department for review at least 60 days prior to the performance of the stack test.
13. The Department shall be notified at least two weeks prior to the stack test so that an observer may be present.
14. Two copies of the stack test results shall be supplied to the Department for review within 60 days of completion of the testing.
15. The Department may revise the allowable emission rates based on a minimum of six months of continuous monitoring data and on any stack test data gathered in accordance with 25 Pa. Code Chapter 139 during this time.
16. Reductions in the allowable emission rates below the levels established herein shall not be available as ERCs (emission reduction credits) pursuant to 25 Pa. Code §127.206 unless the reductions are achieved through real reductions of actual or allowable emissions, whichever is lower, through the installation of controls beyond those required by RACT or any other subsequent regulatory requirement.