

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

PLAN APPROVAL

Permit No.: 03-306-004

Source: Coal-Fired Boiler

Owner: West Penn Power Company

Air :

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 March 28, 1994 approved plans for the construction of the above indicated air contamination source(s).

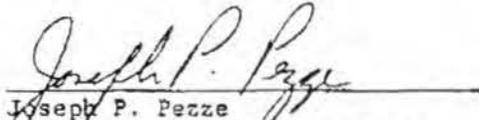
~~This PLAN APPROVAL expires 12/31/94~~ ✓

The plan approval is subject to the following conditions:

1. The source is to be constructed in accordance with the plans submitted with the application (as approved herein).
2. Upon completion of the construction of the above indicated air contamination source 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: Thomas Joseph
Engineering Services
(412) 442-4000



Joseph P. Pezze
Regional Air Quality Manager
Southwest Region

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Special Conditions

3. This Plan Approval is for the installation of twelve Foster Wheeler IFS Lo-NO_x burners and associated modifications at Unit 2 of the West Penn Power Co. Armstrong Power Station located at Route 268 in Washington Twp., Armstrong County.

4. The issuance of this Plan Approval does not constitute a RACT determination by the Department.

5. The applicant shall perform stack testing no later than ninety days after completing the installation of the low-NO_x burners to determine the emission rate of carbon monoxide (CO).

6. Stack testing shall be performed in accordance with 25 Pa. Code Chapter 139 regulations and the Departments Source Testing Manual.

7. Two copies of a pre-test protocol shall be submitted to the Department for review at least sixty days prior to the performance of the stack test.

8. The Department shall be notified at least two weeks prior to the stack test of the date and time of the test so that an observer may be present.

9. Two copies of the stack test results shall be supplied to the Department for review within sixty days of completion of the testing.

10. NO_x emissions from Unit 2 shall not be in excess of .5 lb/mmBtu.

11. Compliance with the NO_x emission limit in Special Condition #10 shall be established based on emission data obtained from a certified CEM installed, maintained, and operated in accordance with 25 Pa. Code Chapters 123 and 139.

12. This Plan Approval authorizes temporary operation of the source(s) covered by this Plan Approval provided the following conditions are met.

- (a) The Department must receive written notice from the Owner/Operator of the completion of construction and the operator's intent to commence operation at least five (5) working days prior to the completion of construction. The notice should state when construction will be completed and when Operator expects to commence operation.

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Special Conditions

- (b) Operation is authorized only to facilitate the start-up and shake-down of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source(s) for compliance with all applicable regulations and requirements.
- (c) This condition authorizes temporary operation of the source(s) for a period of 180 days from the date of commencement of operation, provided the Department receives notice from the Owner/Operator pursuant to subpart (a), above.
- ~~(d) The Owner/Operator may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least 15 days prior to the end of this period of temporary operation and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established.~~
- ~~(e) The notice submitted by the Owner/Operator pursuant to subpart (a), above, prior to the expiration of this Plan Approval, shall modify the plan approval expiration date. The new plan approval expiration date shall be 180 days from the date of the written notice.~~

