

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.:	03-000-027	Source	: Steam Electric Generator
Owner	: Pennsylvania Electric Company	Air Cleaning:	: Low NOx Burners
Address	: 1001 Broad Street Johnstown, PA 15907	Devices	:
Attention	: Tim McKenzie Environmental Air Manager	Plant Location:	: Keystone Generating Station Plumcreek Township
		County	: Armstrong

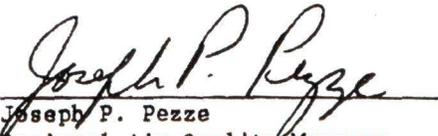
In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the Rules and Regulations of the Department of Environmental Resources, the Department on December 29, 1994 approved plans for the the above indicated air contamination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

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: Tom Joseph
Engineering Services
(412) 442-4336


Joseph P. Pezze
Regional Air Quality Manager
Southwest Region

Pennsylvania Electric Company
RACT Plan Approval:

Special Conditions
03-000-027

3. This approval is for the modified RACT Plan for Pennsylvania Electric Company's Keystone Generating Station, Plumcreek Township, Armstrong County and incorporates by reference the requirements of Plan Approvals 03-306-003 and 03-306-005 issued for the installation of air cleaning devices (LNCFS Level III) on Units 2 and 1, respectively.
4. The auxiliary boilers units A and B shall be operated at a capacity factor of no more than 10% and maintained in accordance with the manufacturer's specifications.
5. Penelec shall maintain an operating log for the auxiliary boilers to verify that the annual capacity limit of Condition #4 above is not exceeded.
6. Operation of diesel generators 3 through 6 shall not exceed a 5% annual capacity factor. These units are to be installed, maintained, and operated in accordance with the manufacturer's specifications.
7. Penelec shall maintain an operating log for diesel generators, emergency generator, fire pump, and all other sources subject to any operating restriction to verify compliance with the Department's presumptive RACT limitations.
8. The annual VOC (volatile organic compound) emissions from each main unit shall not exceed 71 tons and 144 tons facility-wide.
9. NOx (nitrogen oxides as NO₂) emissions from each main unit shall not exceed 0.45 lb/mm BTU based on a 30 day rolling average.
10. Facility-wide NOx (nitrogen oxides expressed as NO₂) emissions shall not exceed 31,673 tons per year.
11. Stack testing for particulate matter emissions/PM₁₀, VOC, and CO shall be performed to determine emission rates.
12. All stack testing shall be performed in accordance with 25 Pa. Code Chapter 139 Regulations and the Department's Source Testing Manual.
13. Two copies of the Pretest protocol shall be submitted to the Department for review at least 60 days prior to the performance of the stack test.
14. The Department shall be notified at least two weeks prior to the stack test so that an observer may be present.
15. Two copies of the stack test results shall be supplied to the Department for review within 60 days of completion of the testing.
6. The Department may revise the allowable emission rates based on a minimum of 6 months of continuous monitoring data and on any stack test data gathered in accordance with 25 Pa. Code Chapter 139 during this time.