

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.:	63-000-014	Source :	Boilers
Owner :	Duquesne Light Company	Air :	Low NOx Burners
Address :	PO Box 1930 Pittsburgh, PA 15230	Cleaning:	Devices :
Attention :	Steve L. Pernick, Jr. Manager, Environmental Affairs	Plant :	Elrama
		Location:	Union Township
		County :	Washington

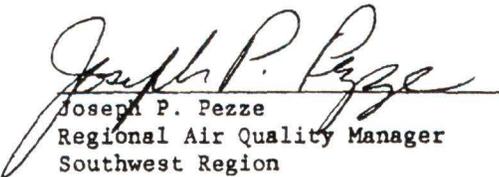
In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the Rules and Regulations of the Department of Environmental Resources, the Department on December 29, 1994 approved plans for the the above indicated air contamination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

the Duquesne Light Company

Special Conditions

ACT Plan Approval #63-000-014

3. This Plan Approval is for the installation of low NOx burning systems and associated modifications on Units 1 through 4 of the Duquesne Light Co. Elrama Power Station located at Route 837 in Union Twp., Washington County.
4. The Duquesne Light Company shall install RACT according to the implementation schedule in this review and is incorporated by reference.
5. The auxiliary boiler shall be limited to an annual capacity factor of no more than 66%.
6. Duquesne Light Co. shall operate the auxiliary boiler in accordance with manufacturer specifications and keep data which clearly demonstrates the auxiliary boiler annual capacity factor is less than 66%.
7. The applicant shall perform stack testing no later than ninety days after completing the installation of the low-NOx burner system on all units to determine the emission rate of carbon monoxide (CO) and particulate matter (as PM-10) from the main stack.
8. Stack testing shall be performed in accordance with 25 Pa. Code Chapter 139 regulations and the Department's Source Testing Manual.
  - . 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.
10. The applicant shall notify the Department at least two weeks prior to the stack test of the date and time of the test so that an observer may be present.
11. Two copies of the stack test results shall be supplied to the Department for review within sixty days of completion of the testing.
12. NOx emissions from the main stack shall not be in excess of .5 lb/MMBtu based on a 30 day rolling average.
13. Yearly NOx emission limit for Units 1-4 is established as 11,353 tpy.
14. The Department may revise the NOx (as N02) emission limits in Special Conditions #12 and #13 based on a minimum of two quarters of actual emission data from the continuous emission monitor, and may establish a CO and PM-10 emission limit based on the stack test mentioned above.