

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHCENTRAL REGION - FIELD OPERATIONS  
AIR QUALITY CONTROL PROGRAM

N-269 #2

CCU U PH SIP

PLAN APPROVAL

Approval No: 07-2008 Source & Air  
Cleaning Device: Paper Production Facility

Owner: Westvaco Corporation

Address: 1600 Pennsylvania Avenue  
Tyrone, PA 16686

Attention: Mr. Charles Whitfield Location: Tyrone Mill  
Mill Manager Snyder Township  
Blair County

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 SEP 29 1995 approved plans for implementation of the oxides of nitrogen (NO<sub>x</sub>) Reasonably Available Control Technology (RACT) of the above indicated facility.

This PLAN APPROVAL expires ~~May 31, 1996.~~

The plan approved is subject to the following conditions:

1. The NO<sub>x</sub> RACT plan for the above facility is to be implemented in accordance with the plans submitted with the application (as herein approved).
2. 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: Mr. Stephen Weyandt  
Air Pollution Control Engineer  
615 Howard Avenue  
Altoona, PA 16601  
(814) 946-7292

  
Program Manager

Southcentral Region 07-2008  
EPA, Region III  
Altoona Office  
Permits

Ozone/Coastal Resources  
Section (86121)

NOV 24 1995

EPA REGION III

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WESTVACO CORPORATION

Conditions Continued

2. This Plan Approval constitutes a RACT determination for oxides of nitrogen (NOx) emissions as per 25 Pa. Code, Sections 129.91 and 129.92 for the following sources at the Westvaco Corporation, Paper Production Facility:

<u>Source</u>	<u>Manufacturer</u>
No. 5 Boiler	Springfield
No. 6 Boiler	Springfield
Emergency Generator	-----
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WESTVACO CORPORATION

Conditions Continued

5. All combustion sources listed in Condition 2 above, except for No. 7 Power Boiler, must comply with the requirements of 25 Pa. Code, Sections 129.93 and 129.95. These sources shall be operated and maintained in accordance with good air pollution control practices.
6. NOx emissions from the No. 7 Power boiler shall not exceed 0.80 lbs/mm BTU.
8. Within ninety (90) days after the modifications have been implemented, the owner or operator shall conduct a stack test to determine No. 7 Power Boiler NOx emissions. Stack testing shall be performed in accordance with 25 Pa. Code, Chapter 139 and the Department's Source Testing Manual.
10. The stack test shall consist of three repetitions of the applicable test methods. For purposes of compliance with an applicable standard of performance, the average results of the repetitions shall apply.
11. The stack test shall be performed over such a period or periods as necessary to accurately determine the maximum emissions during that time.
14. NOx emissions from the No. 7 Power Boiler shall be verified annually by testing during the period from May 1 through October 31 or by some other means approved by the Department for each year authorized by the operating permit or its renewal. This testing shall begin in calendar year 1995 and shall be conducted in accordance with 25 Pa. Code, Chapter 139 and the Department's Source Testing Manual. Completion of Conditions 8 through 13 above, will suffice for the 1995 testing requirements.
15. The sulfur content of the No. 2 fuel oil fired in No. 5 and No. 6 Boilers shall be equal to or less than 0.5% by weight.

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16. An annual report as per Section 129.95 containing, but not limited to, the following data for each of the above combustion sources complying with 25 Pa. Code, §129.93(c) shall be submitted to the Harrisburg District Supervisor:

- a. identification of each source
- b. hours of operation per quarter
- c. fuel combusted per quarter
- d. fuel analysis for each liquid fuel shipment received
- e. pounds of NOx emitted per quarter

The report for each January 1 through December 31 period is due no later than March 1 of the following year for each year authorized by the operating permit or its renewal.

17. An annual report containing, but not limited to, the following data for the operation of the No. 7 Power Boiler shall be submitted to the Harrisburg District Supervisor:

- a. amount of E-fuel combusted per quarter (E-fuel is defined as an extruded fuel product containing crushed bituminous coal, paper making residuals, polyethylene and polyester plastic wastes, and Kraft paper wastes.)
- b. amount of coal combusted per quarter
- c. quarterly analysis of E-fuel and coal for sulfur, nitrogen, ash, and BTU content