

STATE AIR POLLUTION CONTROL BOARD

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FAIRFAX

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ALEXANDRIA



COMMONWEALTH of VIRGINIA

Department of Air Pollution Control

200-202 NORTH NINTH STREFT
NINTH STREET OFFICE BUILDING, EIGHTH FLOOR
P. O. BOX 10089
RICHMOND, VIRGINIA 23240
(804) 786-2378
FAX # (804) 225-3933
TDD # (804) 371-8471

WALLACE N. DAVIS
EXECUTIVE DIRECTOR

April 6, 1992

Mr. Henry B. Wyche
Director, Environmental Protection
Norfolk and Western Railway Company
8 North Jefferson Street
Roanoke, VA 24042-0013

Location: Norfolk
Registration No: 60180
County-Plant No: 2140-0048

Dear Mr. Wyche:

Attached is a permit to modify and operate a coal terminal on 38th Street, Norfolk, Virginia in accordance with the provisions of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution.

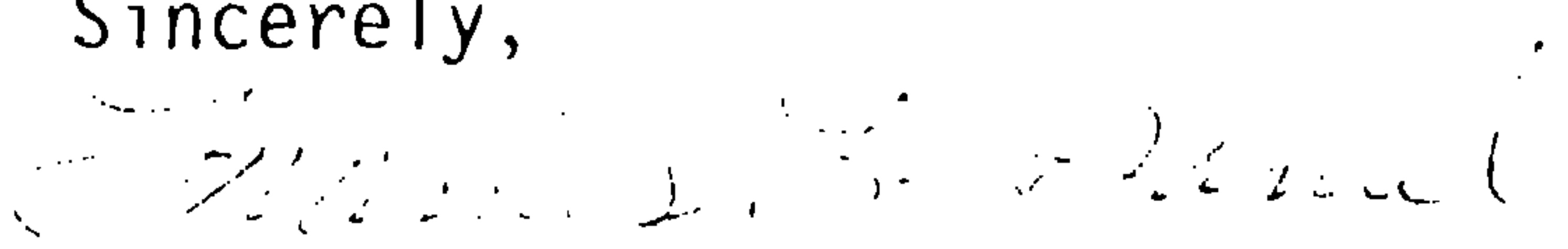
In the course of evaluating the application and arriving at a final decision to approve the project, the Virginia Department of Air Pollution Control (DAPC) deemed the application complete on March 25, 1992.

This approval to modify and operate shall not relieve Norfolk and Western Railway Company of the responsibility to comply with all other local, State, and Federal permit requirements.

The permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and civil penalty. Please read all permit conditions carefully.

If you have a question about the meaning of any condition, please call the regional office at (804) 424-6707.

Sincerely,


Francis L. Daniel
Director, Region VI

for

Wallace N. Davis
Executive Director

WND/FLD/KJS/N&W.min
Attachment: Permit

cc: Director, Division of Technical Evaluation
Director, Division of Data Analysis & Special Studies
Director, Region VI



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WALLACE N. DAVIS
EXECUTIVE DIRECTOR

STATIONARY SOURCE PERMIT TO MODIFY AND OPERATE

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Norfolk and Western Railway Company
8 North Jefferson Street
Roanoke, Virginia

Registration No: 60180
County-Plant No: 2140-0048

is authorized to modify and operate

a coal terminal

For the purpose of this permit, all references to "coal terminal" shall be defined as that equipment to be constructed in Condition 2 (conveyors, transfer points, surge silos, and baghouses) or modified in Condition 3 (conveyors and transfer points).

located at

38th Street
Norfolk, Virginia

in accordance with the conditions of this permit.

Approved on April 6, 1992.

Francis L. Daniel
Director, Region VI

for

Wallace N. Davis
Executive Director

Permit consists of 6 pages.
Permit Conditions 1 to 19.

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Printed on Recycled Paper*

PERMIT CONDITIONS - the regulatory reference and authority for each condition is listed in parentheses () after each condition.

1. Except as specified in this permit, the permitted facility is to be modified and operated as represented in the permit application dated February 13, 1992, including amendment sheets dated March 12, 1992 and March 23, 1992. No changes in the permit application specifications or any existing facilities shall be made which alter the emissions into ambient air or alter the impact of the facility on air quality without prior written notification to the Department. Such changes may require written approval or a permit from the Department.
(Section 120-02-11 of State Regulations)
2. Equipment to be constructed consists of:
 - five (5) conveyor belts (T, T1, C_{ext}, C1_{ext}, SR)
 - nine (9) transfer points (B/T, B1/T1, S/C, S/C1, S1/C, S1/C1, S/SR, S1/SR, SR/car)
 - two (2) surge silos (S, S1)
 - two (2) baghouses
3. Equipment to be modified consists of:
 - two (2) conveyor belts (B, B1)
 - two (2) transfer points (B/C, B1/C1)
4. Coal dust emissions from the conveyor belts shall be controlled by conveyor hoods and wind guards. The conveyors shall be provided with adequate access for inspection.
(Section 120-08-01 F of State Regulations)
5. Coal dust emissions from the transfer points shall be controlled by wet suppression and with wet suppression with surfactant as necessary. Continuous wetting is not mandatory. Compliance shall be achieved provided there are no visible emissions.
(Section 120-08-01 F of State Regulations)

6. Coal dust emissions from the surge silos shall be controlled by baghouses. The baghouses shall be provided with adequate access for inspection. Each baghouse shall be equipped with a device to continuously measure the differential pressure drop through the baghouse. The devices shall be installed in an accessible location and shall be maintained by the permittee such that it is in proper working order at all times.
(Section 120-08-01 F of State Regulations)

7. The throughput of coal shall not exceed 55,000,000 tons per year, calculated as the sum of each consecutive 12 month period.
(Section 120-02-11 of State Regulations)

8. Emissions from the operation of the silos and conveyors shall not exceed the limits specified below:

Total Suspended		
Particulate	3.9 lbs/hr	6.7 tons/yr
PM-10	0.7 lbs/hr	1.2 tons/yr

(Sections 120-05-0403 and 120-05-0303 of State Regulations)

- 1104-2 { 9. Visible emissions from each baghouse shall not exceed five (5) percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). Visible emission evaluations shall be conducted on each baghouse. The details of the test shall be arranged with the Director, Region VI.
(Sections 120-02-11 and 120-05-02 of State Regulations)

10. The permittee shall furnish written notification to the Director, Region VI of:

- The actual date on which modification of the coal terminal commenced within 10 days after such date.
- The anticipated start-up date of the modified coal terminal postmarked not more than 60 days nor less than 30 days prior to such date.
- The actual start-up date of the modified coal terminal within 10 days after such date.

(Section 120-02-11 of State Regulations)

11. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the Director, Region VI. These records shall include, but are not limited to:
 - a. The monthly throughput of coal, and
 - b. The differential pressure drops through each baghouse taken on a weekly basis, in order to verify that the devices are maintained in proper working order at all times.These records shall be available on site for inspection by the Department and shall be current for the most recent five years.
(Section 120-05-05 of State Regulations)
12. This permit may be modified or revoked in whole or in part for cause, including, but not limited to, the following:
 - a. Violation of any terms or conditions of this permit;
 - b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of a permitted discharge; or
 - d. Information that the permitted discharge of any pollutant poses a threat to human health, welfare, or the environment.(Sections 120-02-11 and 120-08-01 of State Regulations)
13. The permittee shall allow authorized local, state and federal representatives, upon the presentation of credentials:
 - a. to enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;
 - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;
 - c. to inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and

- d. to sample or test at reasonable times. For purposes of this section, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency.

(Section 120-02-11 of State Regulations)

- 14. If, for any reason, the permitted facility or related air pollution control equipment fails or malfunctions and may cause excess emissions for more than one hour, the owner shall notify the Director, Region VI by telephone or telegraph within 4 business hours. The portion of the facility which is subject to the provisions of Rule 4-3 or 5-3 (toxics) shall shut down immediately upon request of the Department. In addition, the owner shall provide a written statement explaining the problem and the estimated duration of the breakdown/shutdown.

(Section 120-02-34 of State Regulations)

- 15. In order to minimize the duration and frequency of excess emissions due to malfunctions of process equipment or air pollution control equipment, the permittee shall:
 - a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance. These records shall be maintained on site for a period of five years and shall be made available to Department personnel upon request.

- b. Maintain an inventory of spare parts.

(Section 120-02-11 of State Regulations)

- 16. The permittee shall have available written operating procedures for the affected facility and related air pollution control equipment. All operators shall be trained in the proper operation of the air pollution control equipment and shall be familiar with the written operating procedures. The permittee shall maintain records of training provided (names of trainees, date of training and nature of training).

(Section 120-02-11 of State Regulations)

17. This approval shall become invalid if modification of the coal terminal is not commenced within eighteen (18) months of the date of this permit or if it is discontinued for a period of eighteen (18) months.
(Section 120-08-01 I of State Regulations)
18. In the event of any change in control of ownership of the permitted source, the permittee shall notify the succeeding owner of the existence of this permit by letter and send a copy of that letter to the Director, Region VI.
(Section 120-02-11 of State Regulations)
19. A copy of this permit shall be maintained on the premises of the facility to which it applies.
(Section 120-02-11 of State Regulations)

OCR

The following pages contain the Optical Character Recognition text of the preceding scanned images.

STAThAIR POLLUTION CONTROL BOARD

WA[LA(F f HFI D. CHAIRMAN

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Mr. Flenry B. Wyche FAX (804) 22b-3@133

TDD (804) 3 71 -84 71

Director, Environmental Protection

Norfolk and Western Railway Compiny

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Location: Norfolk

Registration No: 60180

County-Plant No: 2140-0048

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Director, Region VI

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SAM C BROWN. JR Department of Air Pollution Control V4At[A(J N 0AVI'
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(Section 120-02-34 of State Regulations)

15. In order to minimize the duration and frequency of excess emissions due to malfunctions of process equipment or air pollution control equipment, the permittee shall:

a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance. These records shall be maintained on site for a period of five years and shall be made available to Department personnel upon request.

b. Maintain an inventory of spare parts.

(Section 120-02-11 of State Regulations)

16. The permittee shall have available written operating procedures for the affected facility and related air pollution control equipment. All operators shall be trained in the proper operation of the air pollution control equipment and shall be familiar with the written operating procedures. The permittee shall maintain

records of training provided (names of trainees, date of training and nature of training).

(Section 120-02-11 of State Regulations)

17. This approval shall become invalid if modification of the coal terminal is not commenced within eighteen (18) months of the date of this permit or if it is discontinued for a period of eighteen (18) months.

(Section 120-08-01 I of State Regulations)

18. In the event of any change in control of ownership of the permitted Source, the permittee shall notify the succeeding owner of the existence of this permit by letter and send a copy of that letter to the Director, Region VI.

(Section 120-02-11 of State Regulations)

19. A copy of this permit shall be maintained on the premises of the facility to which it applies.

(Section 120-02-11 of State Regulations)