

Fact Sheet



For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on September 21, 2011.

Permit Number: **R30-10900018-2011**
Application Received: **October 30, 2013**
Plant Identification Number: **03-54-109-00018**
Permittee: **Dominion Transmission, Inc.**
Facility Name: **Oscar Nelson Station**
Mailing Address: **445 West Main Street, Clarksburg, WV 26301**

Permit Action Number: *MM01* Revised: *May 5, 2014*

Physical Location: Marianna, Wyoming County, West Virginia
UTM Coordinates: 445.76 km Easting • 4161.72 km Northing • Zone 17
Directions: Approximately 8.0 miles west of Pineville, WV on Route 97

Facility Description

Natural Gas Transmission Facility, SIC Code – 4922. The facility is a production gathering station that services a transmission pipeline system to recompress natural gas flowing through a pipeline for transportation. It has the potential to operate seven (7) days per week, twenty-four (24) hours per day. The station consists of six (6) 880 HP natural gas fired reciprocating engines, one (1) dehydrator reboiler, one (1) dehydration unit with flare, one (1) auxiliary generator, and six (6) storage tanks of various sizes.

Proposed Modification

This project includes the replacement of the flare as the control device for DEHY1.

Emissions Summary

The following table represents the total change in facility emissions due to the replacement of the flare:

Pollutant	Change in Facility Wide Emissions (tons/year)
Nitrogen Oxides	+0.53
Carbon Monoxide	-0.76
Volatile Organic Compounds	+0.94
Total HAPs	+1.04

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 196.84 TPY of CO, 1,566.63 TPY of NO_x and 128.24 TPY of VOCs. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Dominion Transmission's Oscar Nelson Compressor Station is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR6 45CSR13 45CSR30	Combustion of Refuse Permits for Construction/Modification Operating permit requirement.
State Only:	45CSR4	No objectionable odors

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-2626D	12/13/2013	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

Determinations and Justifications

45CSR13, Permit No. R13-2626D. This Class II Administrative Update was issued for the replacement of the existing 1.1 MMBtu/hr low pressure flare with a 4.0 MMBtu/hr unit. The table below lists the changes that have been made in the proposed operating permit modification:

R13-2626D	Title V	Discussion
1.0	1.1.	The emission unit ID, description, year installed, and design capacity are revised.
N/A	1.2.	The NSR permit alphabetic suffix and issuance date are revised.
6.1.4.	5.1.4.	The NSR permit revision incorrectly utilizes the replaced flare capacity of 1.1 MMBtu/hr. The new flare is rated 4.0 MMBtu/hr. Additionally, the equation as written does not yield the product stated. Specifically, a conversion factor of 2,000 lb/ton is necessary since the formula in 45CSR§6-4.1. is based on tons/hr. The correct PM emission limit for this requirement is 0.51 lb/hr, and has been written in the Title V condition.
6.1.8.	5.1.8.	The emission limits are revised for the new flare.

The control device ID “F1” has been changed to “F2” in the following locations in the permit:

- a. Table of Contents
- b. Twice in the Emission Units Table (Section 1.1.)
- c. Citation of Authority for condition 3.2.1.
- d. Heading of Section 5.0.
- e. Conditions 5.1.2., 5.1.8., and 5.2.2.

The only other change in the permit is condition 3.5.3. in order to update the US EPA office name.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

None.

Request for Variances or Alternatives

None.

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: Not Applicable for minor modifications.
Ending Date: N/A

Point of Contact

All written comments should be addressed to the following individual and office:

Denton B. McDerment, P.E.
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1221 • Fax: 304/926-0478
denton.b.mcderment@wv.gov

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Response to Comments (Statement of Basis)

No comments were received from U.S. EPA.