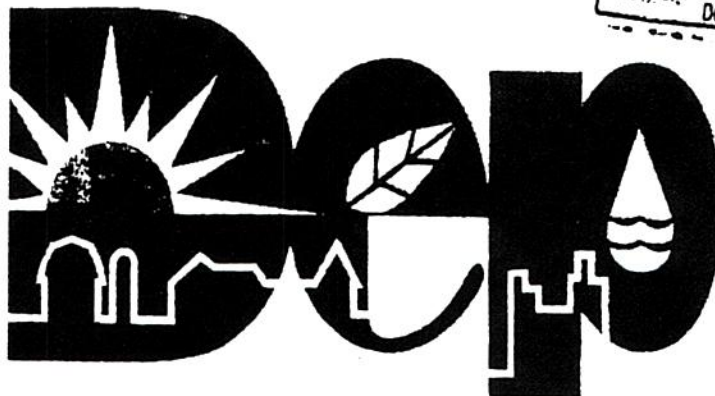


Appendix B

Reliant Energy Operating Permit



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM
NORTHWEST REGION**

TITLE V OPERATING PERMIT

**Reliant Energy Mid-Atlantic Power Holdings, LLC
Warren Generating Station
TV 62-00012**

**Amended
November 21, 2001**

**Based upon Pennsylvania's Operating Permit Program
25 Pa. Code Chapter 127
Effective November 25, 1994**

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

TITLE V/STATE OPERATING PERMIT

ISSUE DATE: 04-MAY-00

EFFECTIVE DATE: 21-NOV-01

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V PERMIT NO: 62-00012

TAX ID - PLANT CODE 52-2154847-2

**OWNER RELIANT ENERGY MID ATLANTIC POWER HOLDINGS LLC
MAILING 1001 BROAD STREET
ADDRESS JOHNSTOWN, PA. 15907**

**PLANT RELIANT ENERGY MID A/WARREN STATION
LOCATION 62 Warren County 62907 Conewango
SIC CODE 4911 Trans. & Utilities - Electric Services**

RESPONSIBLE OFFICIAL

**NAME JAMES V LOCHER
TITLE DESIGNATED REPRESENTATIVE**

PERMIT CONTACT PERSON

**NAME TIMOTHY E MCKENZIE
TITLE SENIOR ENVIRONMENTAL SCIE
PHONE (814) 533-8670**

**[SIGNATURE] 
LARRY W WORDENS, NORTHWEST REGION AIR PROGRAM MANAGER**

Source ID: 031

Source Name: Boiler NO. 1

I. RESTRICTIONS.

Emission Limitation(s).

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, in excess of the following:
 - 1. 4.00 lb/mmbtu over a 3-hour period
 - 2. 3.53 lb/mmbtu over a 24-hour period
 - 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO₂ emissions from all operating boilers, as required under Condition #009, below.

III. MONITORING REQUIREMENTS.

#009 [25 Pa. Code 123.25]

Monitoring requirements

- a) The permittee shall install, operate and maintain a continuous SO₂ monitoring system to monitor SO₂ emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO₂ monitoring devices to enforce the emission limitations for SO₂ defined in this permit.
- c) The Department may use the data from the SO₂ monitoring systems to determine compliance with the applicable emission limitations for SO₂ established in this permit.

Source ID: 032

Source Name: Boiler NO. 2

I. RESTRICTIONS.

Emission Limitation(s).

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, in excess of the following:
 - 1. 4.00 lb/mmbtu over a 3-hour period
 - 2. 3.53 lb/mmbtu over a 24-hour period
 - 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO₂ emissions from all operating boilers, as required under Condition #009, below.

III. MONITORING REQUIREMENTS.

#009 [25 Pa. Code 123.25]

Monitoring requirements

- a) The permittee shall install, operate and maintain a continuous SO₂ monitoring system to monitor SO₂ emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO₂ monitoring devices to enforce the emission limitations for SO₂ defined in this permit.
- c) The Department may use the data from the SO₂ monitoring systems to determine compliance with the applicable emission limitations for SO₂ established in this permit.

Source ID: 033

Source Name: Boiler NO. 3

I. RESTRICTIONS.

Emission Limitation(s).

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, in excess of the following:
 - 1. 4.00 lb/mmbtu over a 3-hour period
 - 2. 3.53 lb/mmbtu over a 24-hour period
 - 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO₂ emissions from all operating boilers, as required under Condition #009, below.

III. MONITORING REQUIREMENTS.

#009 [25 Pa. Code 123.25]

Monitoring requirements

- a) The permittee shall install, operate and maintain a continuous SO₂ monitoring system to monitor SO₂ emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO₂ monitoring devices to enforce the emission limitations for SO₂ defined in this permit.
- c) The Department may use the data from the SO₂ monitoring systems to determine compliance with the applicable emission limitations for SO₂ established in this permit.

Source ID: 034

Source Name: Boiler NO. 4

I. RESTRICTIONS.

Emission Limitation(s).

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, in excess of the following:
 - 1. 4.00 lb/mmbtu over a 3-hour period
 - 2. 3.53 lb/mmbtu over a 24-hour period
 - 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO₂ emissions from all operating boilers, as required under Condition #009, below.

III. MONITORING REQUIREMENTS.

#009 [25 Pa. Code 123.25]

Monitoring requirements

- a) The permittee shall install, operate and maintain a continuous SO₂ monitoring system to monitor SO₂ emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO₂ monitoring devices to enforce the emission limitations for SO₂ defined in this permit.
- c) The Department may use the data from the SO₂ monitoring systems to determine compliance with the applicable emission limitations for SO₂ established in this permit.

Source ID: 035

Source Name: COMBUSTION TURBINE

I. RESTRICTIONS.

Emission Limitation(s).

#002[25 Pa. Code 123.21]

General

No person may permit the emission into the outdoor atmosphere of sulfur oxides in a manner that the concentration of the sulfur oxides, expressed as SO₂, in the effluent gas exceeds 500 parts per million, by volume, dry basis.