



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

07/31/00

CERTIFIED MAIL

17-56-10-0042
Woodsfield Municipal Electric Power Plant
Floyd Longwell
203 Roy Street
Woodsfield, OH 43793

RE: Final Chapter 3745-35 Permit To Operate

Dear Floyd Longwell:

The enclosed Permit(s) to Operate allow you to operate the described emissions unit(s) in the manner indicated in the Permit(s). Because each permit contains several terms and conditions, I urge you to read them carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street
Room 300
Columbus, Ohio 43215

If you have any questions, please contact the Ohio EPA, Southeast District Office at (740)385-8501.

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

cc: Southeast District Office
Becky Castle, DAPC PMU

PERMIT TO OPERATE AN EMISSIONS UNIT

Effective Date: 07/31/00

Facility ID: 17-56-10-0042

Expiration Date: 07/31/05

FINAL ISSUE

This document constitutes issuance for:

Woodsfield Municipal Electric Power Plant
203 Roy Street
Woodsfield, OH 43793

of a permit to operate for:

B006 (Unit F Generator)
Unit F Diesel Generator

1. Compliance Requirements

The above-described emissions unit is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.

2. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

3. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

4. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

5. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

6. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions unit or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this emissions unit(s) that is (are) served by such control system(s).

7. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permittee. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

8. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

9. Permit Renewal

Approximately six months prior to the expiration date of this permit, a notice regarding the renewal of this permit will be sent to the permittee's designated facility contact. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency. It is the permittee's responsibility to renew this permit even if no notice of its expiration is received.

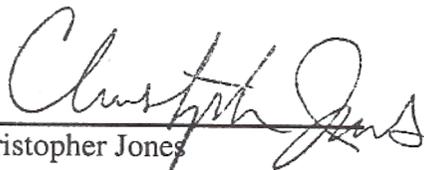
10. The permittee is also subject to the attached special terms and conditions.

The following Ohio EPA District Office or local air agency has jurisdiction in the area in which the facility is located:

Ohio EPA, Southeast District Office
2195 Front Street
Logan, OH 43138
(740)385-8501

You will be contacted approximately six months prior to expiration date regarding the renewal of this permit. If you are not contacted, please contact the North Ohio Valley Air Authority.

OHIO ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in cursive script, appearing to read "Christopher Jones", written over a horizontal line.

Christopher Jones
Director

Part II: Special Terms and Conditions

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Diesel generator having a maximum rated heat input capacity of 17.8 mmBtu/hr. Diesel Fuel-Fired Engine (Unit F - B006)	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11 (B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input.
	OAC rule 3745-18-06(G)	0.50 pounds of sulfur dioxide per mmBtu actual heat input.
	OAC rule 3745-35-07	See Additional Terms and Conditions 2.a.

2. Additional Terms and Conditions

- 2.a The nitrogen oxides emissions from emissions units B001, B002, B003, and B006 combined shall not exceed 61.39 TPY based upon a rolling, 12 - month summation.

B. Operational Restrictions

1. The maximum annual diesel fuel usage for emissions units B001, B002, B003, and B006 combined shall not exceed 141,111 gallons per year, based upon a rolling, twelve-month summation.

To ensure federal enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the usage levels specified in the following table:

Month	Maximum Allowable Cumulative Diesel Fuel Usage (Gallons)
1-1	35,278
1-2	47,172
1-3	55,066
1-4	64,960
1-5	74,854
1-6	84,748
1-7	94,642
1-8	104,536
1-9	114,430
1-10	124,294
1-11	134,188
1-12	141,111

After the first twelve calendar months of operation following the issuance of this permit, compliance with the annual diesel fuel usage rate limitation shall be based upon a rolling, twelve-month summation.

B. Operational Restrictions (continued)

2. The diesel fuel oil burned in this emissions unit shall have a sulfur content and heat content that are sufficient to comply with the allowable sulfur dioxide emission limitation of 0.50 pound of sulfur dioxide per mmBtu actual heat input.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for emissions units B001, B002, B003 and B006 combined:
 - a. the diesel fuel usage for each month; and
 - b. the rolling, twelve-month summation of the diesel fuel usage rates, beginning after the first 12 calendar months of operation following the issuance of this permit.

Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative diesel fuel usage rate for each calendar month.

2. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated SO₂ emissions rate in lb/mmBtu.

The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, twelve-month diesel fuel usage limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative diesel fuel usage limits. Additionally, each report shall indicate the cause of any excursion and the corrective action taken to prevent further exceedances. If no deviations (excursions) occurred during the reporting period, then a report stating so shall be submitted.

These reports shall be submitted by February 15 and August 15 of each year and shall cover the previous calendar months (July through December and January through June, respectively).

2. The permittee shall submit annual reports that specify the total NO_x emissions from emissions units B001, B002, B003 and B006 combined. The reports shall be submitted by February 15 of each year and shall cover the previous calendar year.
3. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the SO₂ emission limitation of 0.50 lb/mmBtu for emissions unit B006. Additionally, each report shall indicate the cause of any excursion and the corrective action taken to prevent further exceedances. If no deviations (excursions) occurred during the reporting period, then a report stating so shall be submitted.

These reports shall be submitted by February 15 and August 15 of each year and shall cover the previous calendar months (July through December and January through June, respectively).

E. Testing Requirements

1. Emission limitation-
20% opacity of visible particulate emissions.

Applicable Compliance Method-

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

E. Testing Requirements (continued)

2. Emission limitation-
0.062 lb/mmBtu of particulate.

Applicable Compliance Method-

Compliance shall be based upon an emission factor of 0.062 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

3. Emission Limitation:
The nitrogen oxides emissions from emissions units B001, B002, B003, and B006 combined shall not exceed 61.39 TPY, based upon a rolling, 12 - month summation.

Applicable Compliance Method:

NOx emissions shall be calculated by multiplying an emission factor of 6.35 lbs of nitrogen oxides/mmBtu by the heat value of the diesel fuel used (0.137 mmBtu/gal) and by the total gallons of diesel fuel used by emissions units B001, B002, B003, and B006 combined per rolling 12-month period, and then dividing by 2000. The emission factor was obtained from Cooper-Bessemer's "Average Emission Factors for Large Stationary Diesel Engines". If required, the permittee shall verify the above emission factor in accordance with Method 7, 40 CFR Part 60, Appendix A. Compliance with the diesel fuel usage restrictions will ensure compliance with the 61.39 TPY limitation for emissions units B001, B002, B003 and B006 combined.

4. Emission Limitation-
0.50 lb SO₂/mmBtu

Applicable Compliance Method-

Compliance shall be based upon the analytical results obtained per C.2., and using the equation contained in OAC rule 3745-18-04(F)(2).

F. Miscellaneous Requirements

1. Pursuant to OAC rule 3745-35-07(B)(2), terms and conditions A-F of this permit to operate shall be federally enforceable.

PERMIT TO OPERATE AN EMISSIONS UNIT

Effective Date: 07/31/00

Facility ID: 17-56-10-0042

Expiration Date: 07/31/05

FINAL ISSUE

This document constitutes issuance for:

Woodsfield Municipal Electric Power Plant
203 Roy Street
Woodsfield, OH 43793

of a permit to operate for:

B003 (Unit C Generator)
Unit C Diesel Generator

1. Compliance Requirements

The above-described emissions unit is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.

2. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

3. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

4. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

5. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

6. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions unit or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this emissions unit(s) that is (are) served by such control system(s).

7. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permittee. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

8. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

9. Permit Renewal

Approximately six months prior to the expiration date of this permit, a notice regarding the renewal of this permit will be sent to the permittee's designated facility contact. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency. It is the permittee's responsibility to renew this permit even if no notice of its expiration is received.

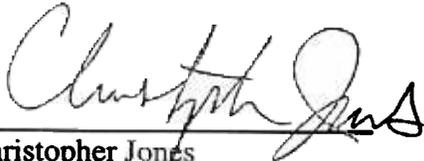
10. The permittee is also subject to the attached special terms and conditions.

The following Ohio EPA District Office or local air agency has jurisdiction in the area in which the facility is located:

Ohio EPA, Southeast District Office
2195 Front Street
Logan, OH 43138
(740)385-8501

You will be contacted approximately six months prior to expiration date regarding the renewal of this permit. If you are not contacted, please contact the North Ohio Valley Air Authority.

OHIO ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in black ink, appearing to read "Christopher Jones", written over a horizontal line.

Christopher Jones
Director

Part II: Special Terms and Conditions

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Diesel generator having a maximum rated heat input capacity of 7.6 mmBtu/hr. Diesel Fuel-Fired Engine (Unit C - B003)	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input.
	OAC rule 3745-18-06	None, see Additional Terms and Conditions 2.b
	OAC rule 3745-35-07	See Additional Terms and Conditions 2.a.

2. Additional Terms and Conditions

- 2.a The nitrogen oxides emissions from emissions units B001, B002, B003, and B006 combined shall not exceed 61.39 TPY, based upon a rolling, twelve-month summation.
- 2.b Pursuant to OAC rule 3745-18-06(B), this emissions unit is exempt from the emission limitation specified in OAC rule 3745-18-06(G).

B. Operational Restrictions

1. The maximum annual diesel fuel usage for emissions units B001, B002, B003, and B006 combined shall not exceed 141,111 gallons per year, based upon a rolling, twelve-month summation.

To ensure federal enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the usage levels specified in the following table:

Month	Maximum Allowable Cumulative Diesel Fuel Usage (Gallons)
-	
1-1	35,278
1-2	47,172
1-3	55,066
1-4	64,960
1-5	74,854
1-6	84,748
1-7	94,642
1-8	104,536
1-9	114,430
1-10	124,294
1-11	134,188
1-12	141,111

After the first twelve calendar months of operation following the issuance of this permit, compliance with the annual diesel fuel usage rate limitation shall be based upon a rolling, twelve-month summation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for emissions units B001, B002, B003 and B006 combined:
 - a. the diesel fuel usage for each month; and
 - b. the rolling, twelve-month summation of the diesel fuel usage rates, beginning after the first 12 calendar months of operation following the issuance of this permit.

Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative diesel fuel usage rate for each calendar month.

D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, twelve-month diesel fuel usage limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative diesel fuel usage limits. Additionally, each report shall indicate the cause of any excursion and the corrective action taken to prevent further exceedances. If no deviations (excursions) occurred during the reporting period, then a report stating so shall be submitted.

These reports shall be submitted by February 15 and August 15 of each year and shall cover the previous calendar months (July through December and January through June, respectively).
2. The permittee shall submit annual reports that specify the total NOx emissions from emissions units B001, B002, B003 and B006 combined. The reports shall be submitted by February 15 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Emission limitation-
20% opacity of visible particulate emissions.

Applicable Compliance Method-

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

2. Emission limitation-
0.062 lb/mmBtu of particulate.

Applicable Compliance Method-

Compliance shall be based upon an emission factor of 0.062 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

3. Emission Limitation:
The nitrogen oxides emissions from emissions units B001, B002, B003, and B006 combined shall not exceed 61.39 TPY, based upon a rolling, 12 - month summation.

Applicable Compliance Method:

NOx emissions shall be calculated by multiplying an emission factor of 6.35 lbs of nitrogen oxides/mmBtu by the heat value of the diesel fuel used (0.137 mmBtu/gal) and by the total gallons of diesel fuel used in emissions units B001, B002, B003, and B006 combined per rolling 12-month period, and then dividing by 2000. The emission factor was obtained from Cooper-Bessemer's "Average Emission Factors for Large Stationary Diesel Engines". If required, the permittee shall verify the above emission factor in accordance with Method 7, 40 CFR Part 60, Appendix A. Compliance with the diesel fuel usage restrictions will ensure compliance with the 61.39 TPY limitation for emissions units B001, B002, B003 and B006 combined.

F. Miscellaneous Requirements

1. Pursuant to OAC rule 3745-35-07(B)(2), terms and conditions A-F of this permit to operate shall be federally enforceable.

PERMIT TO OPERATE AN EMISSIONS UNIT

Effective Date: 07/31/00

Facility ID: 17-56-10-0042

Expiration Date: 07/31/05

FINAL ISSUE

This document constitutes issuance for:

Woodsfield Municipal Electric Power Plant
203 Roy Street
Woodsfield, OH 43793

of a permit to operate for:

B002 (Unit B Generator)
Unit B Diesel Generator

1. Compliance Requirements

The above-described emissions unit is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.

2. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

3. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

4. Records Retention Requirements

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7. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permittee. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

8. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

9. Permit Renewal

Approximately six months prior to the expiration date of this permit, a notice regarding the renewal of this permit will be sent to the permittee's designated facility contact. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency. It is the permittee's responsibility to renew this permit even if no notice of its expiration is received.

10. The permittee is also subject to the attached special terms and conditions

The following Ohio EPA District Office or local air agency has jurisdiction in the area in which the facility is located:

Ohio EPA, Southeast District Office
2195 Front Street
Logan, OH 43138
(740)385-8501

You will be contacted approximately six months prior to expiration date regarding the renewal of this permit. If you are not contacted, please contact the North Ohio Valley Air Authority.

OHIO ENVIRONMENTAL PROTECTION AGENCY

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Christopher Jones
Director

Part II: Special Terms and Conditions

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Diesel generator having a maximum rated heat input capacity of 4.4 mmBtu/hr. Diesel Fuel-Fired Engine (Unit B - B002)	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input.
	OAC rule 3745-18-06	None, see Additional Term and Condition 2.b.
	OAC rule 3745-35-07	See Additional Terms and Conditions 2.a.

2. Additional Terms and Conditions

- 2.a The nitrogen oxides emissions from emissions units B001, B002, B003, and B006 combined shall not exceed 61.39 TPY, based upon a rolling, twelve-month summation.
- 2.b Pursuant to OAC rule 3745-18-06(B), this emissions unit is exempt from the emission limitation specified in OAC rule 3745-18-06(G).

B. Operational Restrictions

1. The maximum annual diesel fuel usage for emissions units B001, B002, B003, and B006 combined shall not exceed 141,111 gallons per year, based upon a rolling, twelve-month summation.

To ensure federal enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the usage levels specified in the following table:

Month	Maximum Allowable Cumulative Diesel Fuel Usage (Gallons)
1-1	35,278
1-2	47,172
1-3	55,066
1-4	64,960
1-5	74,854
1-6	84,748
1-7	94,642
1-8	104,536
1-9	114,430
1-10	124,294
1-11	134,188
1-12	141,111

After the first twelve calendar months of operation following the issuance of this permit, compliance with the annual diesel fuel usage rate limitation shall be based upon a rolling, twelve-month summation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for emissions units B001, B002, B003 and B006 combined:
 - a. the diesel fuel usage for each month; and
 - b. the rolling, twelve-month summation of the diesel fuel usage rates, beginning after the first 12 calendar months of operation following the issuance of this permit.

Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative diesel fuel usage rate for each calendar month.

D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, twelve-month diesel fuel usage limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative diesel fuel usage limits. Additionally, each report shall indicate the cause of any excursion and the corrective action taken to prevent further exceedances. If no deviations (excursions) occurred during the reporting period, then a report stating so shall be submitted.

These reports shall be submitted by February 15 and August 15 of each year and shall cover the previous calendar months (July through December and January through June, respectively).
2. The permittee shall submit annual reports that specify the total NOx emissions from emissions units B001, B002, B003 and B006 combined. The reports shall be submitted by February 15 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Emission limitation-
20% opacity of visible particulate emissions.

Applicable Compliance Method-

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

2. Emission limitation-
0.062 lb/mmBtu of particulate.

Applicable Compliance Method-

Compliance shall be based upon an emission factor of 0.062 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

3. Emission Limitation:
The nitrogen oxides emissions from emissions units B001, B002, B003, and B006 combined shall not exceed 61.39 TPY, based upon a rolling, 12 - month summation.

Applicable Compliance Method:

NOx emissions shall be calculated by multiplying an emission factor of 6.35 lbs of nitrogen oxides/mmBtu by the heat value of the diesel fuel used (0.137 mmBtu/gal) and by the total gallons of diesel fuel used in emissions units B001, B002, B003, and B006 combined per rolling 12-month period, and then dividing by 2000. The emission factor was obtained from Cooper-Bessemer's "Average Emission Factors for Large Stationary Diesel Engines". If required, the permittee shall verify the above emission factor in accordance with Method 7, 40 CFR Part 60, Appendix A. Compliance with the diesel fuel usage restrictions will ensure compliance with the 61.39 TPY limitation for emissions units B001, B002, B003 and B006 combined.

F. Miscellaneous Requirements

1. Pursuant to OAC rule 3745-35-07(B)(2), terms and conditions A-F of this permit to operate shall be federally enforceable.

PERMIT TO OPERATE AN EMISSIONS UNIT

Effective Date: 07/31/00

Facility ID: 17-56-10-0042

Expiration Date: 07/31/05

FINAL ISSUE

This document constitutes issuance for:

Woodsfield Municipal Electric Power Plant
203 Roy Street
Woodsfield, OH 43793

of a permit to operate for:

B001 (Unit A Generator)
Unit A Diesel Generator

1. Compliance Requirements

The above-described emissions unit is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.

2. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

3. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

4. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Such records may be maintained in computerized form.

5. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

6. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions unit or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this emissions unit(s) that is (are) served by such control system(s).

7. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permittee. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

8. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

9. Permit Renewal

Approximately six months prior to the expiration date of this permit, a notice regarding the renewal of this permit will be sent to the permittee's designated facility contact. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency. It is the permittee's responsibility to renew this permit even if no notice of its expiration is received.

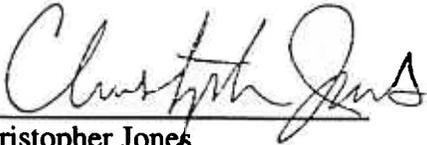
10. The permittee is also subject to the attached special terms and conditions.

The following Ohio EPA District Office or local air agency has jurisdiction in the area in which the facility is located:

Ohio EPA, Southeast District Office
2195 Front Street
Logan, OH 43138
(740)385-8501

You will be contacted approximately six months prior to expiration date regarding the renewal of this permit. If you are not contacted, please contact the North Ohio Valley Air Authority.

OHIO ENVIRONMENTAL PROTECTION AGENCY

A handwritten signature in cursive script, appearing to read "Christopher Jones", written over a horizontal line.

Christopher Jones
Director

Part II: Special Terms and Conditions

A. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Diesel generator having a maximum rated heat input capacity of 8.2 mmBtu/hr. Diesel Fuel-Fired Engine (Unit A - B001)	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity as a 6-minute average, except as provided by rule.
	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input.
	OAC rule 3745-18-06	None, see Additional Terms and Conditions 2.b.
	OAC rule 3745-35-07	See Additional Terms and Conditions 2.a.

2. Additional Terms and Conditions

The nitrogen oxides emissions from emissions units B001, B002, B003, and B006 combined shall not exceed 61.39 TPY, based upon a rolling, twelve-month summation.

Pursuant to OAC rule 3745-18-06(B), this emissions unit is exempt from the emission limitation specified in OAC rule 3745-18-06(G).

B. Operational Restrictions

1. The maximum annual diesel fuel usage for emissions units B001, B002, B003, and B006 combined shall not exceed 141,111 gallons per year, based upon a rolling, twelve-month summation.

To ensure federal enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the usage levels specified in the following table:

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1-7	94,642
1-8	104,536
1-9	114,430
1-10	124,294
1-11	134,188
1-12	141,111

After the first twelve calendar months of operation following the issuance of this permit, compliance with the annual diesel fuel usage rate limitation shall be based upon a rolling, twelve-month summation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for emissions units B001, B002, B003 and B006 combined:
 - a. the diesel fuel usage for each month; and
 - b. the rolling, twelve-month summation of the diesel fuel usage rates, beginning after the first 12 calendar months of operation following the issuance of this permit.

Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative diesel fuel usage rate for each calendar month.

D. Reporting Requirements

1. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, twelve-month diesel fuel usage limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative diesel fuel usage limits. Additionally, each report shall indicate the cause of any excursion and the corrective action taken to prevent further exceedances. If no deviations (excursions) occurred during the reporting period, then a report stating so shall be submitted.

These reports shall be submitted by February 15 and August 15 of each year and shall cover the previous calendar months (July through December and January through June, respectively).
2. The permittee shall submit annual reports that specify the total NOx emissions from emissions units B001, B002, B003 and B006 combined. The reports shall be submitted by February 15 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Emission limitation-
20% opacity of visible particulate emissions.

Applicable Compliance Method-

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

2. Emission limitation-
0.062 lb/mmBtu of particulate.

Applicable Compliance Method-

Compliance shall be based upon an emission factor of 0.062 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

3. Emission Limitation:
The nitrogen oxides emissions from emissions units B001, B002, B003, and B006 combined shall not exceed 61.39 TPY, based upon a rolling, 12 - month summation.

Applicable Compliance Method:

NOx emissions shall be calculated by multiplying an emission factor of 6.35 lbs of nitrogen oxides/mmBtu by the heat value of the diesel fuel used (0.137 mmBtu/gal) and by the total gallons of diesel fuel used in emissions units B001, B002, B003, and B006 combined per rolling, 12-month period, and then dividing by 2000. The emission factor was obtained from Cooper-Bessemer's "Average Emission Factors for Large Stationary Diesel Engines". If required, the permittee shall verify the above emission factor in accordance with Method 7, 40 CFR Part 60, Appendix A. Compliance with the diesel fuel usage restrictions will ensure compliance with the 61.39 TPY limitation for emissions units B001, B002, B003 and B006 combined.

F. Miscellaneous Requirements

1. Pursuant to OAC rule 3745-35-07(B)(2), terms and conditions A-F of this permit to operate shall be federally enforceable.