

PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT

**Rensselaer Municipal Electric Utility
425 North Van Rensselaer Street
Rensselaer, Indiana 47978**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T073-7642-00020	
Issued by: Felicia R. George, Assistant Commissioner Office of Air Management	Issuance Date:

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary electric utility generating station.

Responsible Official: Susan M. Smith
Source Address: 425 North Van Rensselaer St., Rensselaer, IN 47978
Mailing Address: 425 North Van Rensselaer St., Rensselaer, IN 47978
SIC Code: 4911
County Location: Jasper
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Minor Source, under PSD Rules;

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) diesel-fired generator, identified as Generator No. 5, with a maximum rating of 20.3 MMBtu per hour, and exhausting to Stack #5.
- (b) One (1) diesel or dual fuel-fired generator, identified as Generator No. 6, with a maximum rating of 25.2 MMBtu per hour, and exhausting to Stack #6.
- (c) One (1) diesel or dual fuel-fired generator, identified as Generator No. 7, with a maximum rating of 30.2 MMBtu per hour, and exhausting to Stack #7.
- (d) One (1) diesel or dual fuel-fired generator, identified as Generator No. 10, with a maximum rating of 21.0 MMBtu per hour, and exhausting to Stack #10.
- (e) One (1) diesel or dual fuel-fired generator, identified as Generator No. 11, with a maximum rating of 21.0 MMBtu per hour, and exhausting to Stack #11.
- (f) One (1) diesel or dual fuel-fired generator, identified as Generator No. 14, with a maximum rating of 50.8 MMBtu per hour, and exhausting to Stack #14.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 (One (1) batch, cold cleaner degreasing operation, capacity of 15 gallons, exhausting to the building).
- (b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22).
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Permit No Defense [326 IAC 2-1-10] [IC 13]

- (a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.
- (b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."

B.2 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.

B.3 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.4 Enforceability [326 IAC 2-7-7(a)]

- (a) All terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM.
- (b) Unless otherwise stated, terms and conditions of this permit, including any provisions to limit the source's potential to emit, are enforceable by the United States Environmental Protection Agency (U.S. EPA) and citizens under the Clean Air Act.

B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.6 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(b) The Permittee shall furnish to IDEM, OAM, within a reasonable time, any information that IDEM, OAM, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.

(c) Upon request, the Permittee shall also furnish to IDEM, OAM, copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAM, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:

- (1) Enforcement action;
- (2) Permit termination, revocation and reissuance, or modification; or for
- (3) Denial of a permit renewal application.

(b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]

(a) Any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

- (b) One (1) certification shall be submitted, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was based on continuous or intermittent data;
 - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);
 - (5) Any insignificant activity that has been added without a permit revision; and
 - (6) Such other facts, as specified in Sections D of this permit, as IDEM, OAM may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]**

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM.

B.13 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
 - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAM, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Management, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken;

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
 - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
 - (e) Failure to notify IDEM, OAM, by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
 - (f) IDEM, OAM may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(9) be revised in response to an emergency.
 - (g) Operations may continue during an emergency only if the following conditions are met:

- (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.14 Permit Shield [326 IAC 2-7-15]

- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:
 - (1) The applicable requirements are included and specifically identified in this permit; or
 - (2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.
- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

- (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
- (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

- (a) Deviation from any permit requirements, (for emergencies see Section B - Emergency Provisions) the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:
 - (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
 - (2) An emergency as defined in 326 IAC 2-7-1(12); or
 - (3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.
 - (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAM determines any of the following:
 - (1) That it contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAM, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAM, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAM, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.18 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due. [326 IAC 2-5-3]
 - (2) If IDEM, OAM, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAM takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAM, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]

If IDEM, OAM fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule.
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]
[326 IAC 2-7-12(b)(2)]

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]

The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

- (a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

B.22 Operational Flexibility [326 IAC 2-7-20]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, to public review.

Such records shall consist of all information required to be submitted to IDEM, OAM, in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
 - (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]

The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]

The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAM or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.23 Construction Permit Requirement [326 IAC 2]

Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

B.24 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.
[326 IAC 2-7-6(6)]
 - (1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM, nor an authorized representative, may disclose the information unless and until IDEM, OAM, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]
 - (2) The Permittee and IDEM, OAM, acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

B.25 Transfer of Ownership or Operation [326 IAC 2-1-6] [326 IAC 2-7-11]
Pursuant to 326 IAC 2-1-6 and 326 IAC 2-7-11:

- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAM, Permits Branch, within thirty (30) days of the change. Notification shall include a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the Permittee and the new owner.
- (b) The written notification shall be sufficient to transfer the permit to the new owner by an administrative amendment pursuant to 326 IAC 2-7-11. The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) IDEM, OAM shall reserve the right to issue a new permit.

B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAM, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAM the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action or revocation of this permit.

- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAM, Technical Support and Modeling Section), to determine the appropriate permit fee.

B.27 Credible Evidence [326 IAC 2-7-5(3)][62 Federal Register 8313][326 IAC 2-7-6]

Notwithstanding the conditions of this permit that state specific methods that may be used to assess compliance or noncompliance with applicable requirements, other credible evidence may be used to demonstrate compliance or non compliance.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 PSD Minor Source Status [326 IAC 2-2] [40 CFR 52.21]

The total source potential to emit NO_x is limited to less than 250 tons per year. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.

C.2 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

- (a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings, as determined in 326 IAC 5-1-4.
- (b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3(a)(2)(A) and (B) are not federally enforceable.

C.5 Incineration [326 IAC 4-2][326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.7 Operation of Equipment [326 IAC 2-7-6(6)]

All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.8 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.9 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) Procedures for Asbestos Emission Control
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.10 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.11 Compliance Schedule [326 IAC 2-7-6(3)]

The Permittee:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements; and
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and

- (c) Will comply with such applicable requirements that become effective during the term of this permit.

C.12 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend compliance schedule an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.13 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, or 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) If the ERP is disapproved by IDEM, OAM, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAM, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present in a process in more than the threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
 - (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
 - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
 - (3) A verification to IDEM, OAM that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.16 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6] [326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
 - (1) This condition;
 - (2) The Compliance Determination Requirements in Section D of this permit;
 - (3) The Compliance Monitoring Requirements in Section D of this permit;
 - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
 - (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :

- (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
 - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
- (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;
 - (3) An automatic measurement was taken when the process was not operating; or
 - (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

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- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.

- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-6] [326 IAC 2-7-19]

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
- (1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:
- Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

C.19 Monitoring Data Availability

- (a) With the exception of performance tests conducted in accordance with Section C-Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.

- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.20 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAM representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and
 - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
 - (1) Copies of all reports required by this permit;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures.

Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.

- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.21 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period.
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports.
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Stratospheric Ozone Protection

C.22 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (1) One (1) diesel-fired generator, identified as Generator No. 5, with a maximum rating of 20.3 MMBtu per hour, and exhausting to Stack #5.
- (2) One (1) diesel or dual fuel-fired generator, identified as Generator No. 6, with a maximum rating of 25.2 MMBtu per hour, and exhausting to Stack #6.
- (3) One (1) diesel or dual fuel-fired generator, identified as Generator No. 7, with a maximum rating of 30.2 MMBtu per hour, and exhausting to Stack #7.
- (4) One (1) diesel or dual fuel-fired generator, identified as Generator No. 10, with a maximum rating of 21.0 MMBtu per hour, and exhausting to Stack #10.
- (5) One (1) diesel or dual fuel-fired generator, identified as Generator No. 11, with a maximum rating of 21.0 MMBtu per hour, and exhausting to Stack #11.
- (6) One (1) diesel or dual fuel-fired generator, identified as Generator No. 14, with a maximum rating of 50.8 MMBtu per hour, and exhausting to Stack #14.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]

Pursuant to CP-073-2461-00020, issued on July 22, 1992, the input of fuel oil to the generators shall be limited to 830,000 gallons per twelve (12) consecutive month period. Pursuant to CP-073-2461-00020, issued on July 22, 1992, the input of natural gas to the generators shall be limited to 192,000,000 cubic feet per twelve (12) consecutive month period. That for every 0.257 thousand cubic feet of natural gas burned, the yearly allowable oil use is decreased by one gallon. These usage limits are required to limit the potential to emit NO_x to 240 tons of per twelve (12) consecutive month period. Compliance with these limits make 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.1.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-1] [40 CFR 72.7]

- (a) Pursuant to 326 IAC 7-1.1 (SO₂ Emissions Limitations) the SO₂ emissions from Generator Nos. 5, 6, 7, 10, and 11 shall not exceed five-tenths (0.5) pounds per million Btu heat input.
- (b) Pursuant to 40 CFR 72.7 and the New Unit Exemption application, received on January 5, 1998, Generator No. 14 shall use fuel with less than five-hundredths percent (0.05%) sulfur content. Compliance with this limit shall satisfy the requirements of 326 IAC 7-1.1-1.

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities.

Compliance Determination Requirements

D.1.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the SO₂ limit specified in Condition D.1.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.1.5 Sulfur Dioxide Emissions and Sulfur Content

- (a) Compliance with section D.1.2(a) shall be determined utilizing one of the following options:
- (1) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content for Generator Nos. 5, 6, 7, 10, and 11 does not exceed five-tenths percent (0.5%) by weight by the following:
 - (A) Providing vendor analysis of fuel delivered, if accompanied by a certification; or
 - (B) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
 - (i) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
 - (ii) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.
 - (2) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the generators, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (1) or (2) above shall not be refuted by evidence of compliance pursuant to the other method.

- (b) Compliance with Section D.1.2(b) shall be determined utilizing the methods prescribed in 40 CFR 72.7(d)(2)(i) and/or (ii).

Any tank which will be used to store fuel oil with 0.05% sulfur content or less shall be free of any standing liquid or sludge prior to filling, if the tank previously stored a higher sulfur content fuel oil.

Compliance Monitoring Requirements

D.1.6 Visible Emissions Notations

- (a) Daily visible emission notations of the generator stack exhausts (Stack Nos. 5, 6, 7, 10, 11 and 14) shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [26 IAC 2-7-19]

D.1.7 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records on a monthly basis in accordance with (1) and (2) below.
 - (1) The type and amount of each fuel used. Records shall include purchase orders and invoices necessary to verify the type and amount used; and
 - (2) Calendar dates covered in the compliance determination period.
- (b) To document compliance with Condition D.1.2(a), the Permittee shall maintain records in accordance with (1) through (6) below.
 - (1) Calendar dates covered in the compliance determination period;
 - (2) Actual usage since last compliance determination period and equivalent sulfur dioxide emissions;
 - (3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

If the fuel supplier certification is used to demonstrate compliance, the following, at a minimum, shall be maintained:

- (4) Fuel supplier certifications.
- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

- (c) To document compliance with Condition D.1.2(b), the Permittee shall maintain records in accordance with 40 CFR 72.7(d)(3).
- (d) To document compliance with Condition D.1.6, the Permittee shall maintain records of daily visible emission notations of the generator stack exhausts (Stack Nos. 5, 6, 7, 10, 11 and 14).

- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.8 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 and D.1.2 shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

An insignificant degreasing operation, capacity of 15 gallons, exhausting to the building.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operation requirements;
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.2.2 Halogenated Solvent Cleaning NESHAP [326 IAC 20-6-1] [40 CFR 63.460]

The owner or operator of the degreasing facility shall not use any cleaning agent containing the following halogenated HAPs, or any combination in a total concentration greater than five percent (5%) by weight:

- (a) methylene chloride (CAS No. 75-09-2),
- (b) perchloroethylene (CAS No. 127-18-4),
- (c) trichloroethylene (CAS No. 79-01-6),
- (d) 1,1,1 - trichloroethane (CAS No. 71-55-6),
- (e) carbon tetrachloride (CAS No. 56-23-5), and
- (f) chloroform (CAS No. 67-66-3).

This limitation will ensure that the requirements of 40 CFR 63.460 (Halogenated Cleaning Solvent NESHAP) do not apply.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [26 IAC 2-7-19]

D.2.3 Record Keeping Requirements

- (a) To document compliance with Condition D.2.2, the Permittee shall maintain records of the HAP content of each cleaning material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type used.

- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Rensselaer Municipal Electric Utility
Source Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Mailing Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Part 70 Permit No.: T073-7642-00020

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) _____
- 9 Report (specify) _____
- 9 Notification (specify) _____
- 9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**OFFICE OF AIR MANAGEMENT
 COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
 QUARTERLY COMPLIANCE MONITORING REPORT**

Source Name: Rensselaer Municipal Electric Utility
 Source Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
 Mailing Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
 Part 70 Permit No.: T073-7642-00020

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No Deviations Occurred This Reporting Period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviation

Form Completed By: _____
 Title/Position: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Rensselaer Municipal Electric Utility
Source Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Mailing Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Part 70 Permit No.: T073-7642-00020

This form consists of 2 pages

Page 1 of 2

Check either No. 1 or No.2
9 1. This is an emergency as defined in 326 IAC 2-7-1(12) C The Permittee must notify the Office of Air Management (OAM), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and C The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9 2. This is a deviation, reportable per 326 IAC 2-7-5(3)(c) C The Permittee must submit notice in writing within ten (10) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Rensselaer Municipal Electric Utility
Source Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Mailing Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Part 70 Permit No.: T073-7642-00020
Facility: Six (6) Diesel or Dual Fuel Generators (#5, #6, #7, #10, #11, #14)
Parameter: NO_x
Limit: 1) 830,000 gallons of fuel oil usage per 12 consecutive month period
2) 192,000,000 cubic feet of natural gas usage per 12 consecutive month period
3) For every 0.257 thousand cubic feet of natural gas burned, oil usage shall be decreased by one gallon.

YEAR: _____

Month	Fuel Oil Usage This Month (gallons)	Fuel Oil Usage Last 12 Months (gallons)	Natural Gas Usage This Month (cubic feet)	Natural Gas Usage Last 12 Months (cubic feet)

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR MANAGEMENT COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Rensselaer Municipal Electric Utility
Source Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Mailing Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Part 70 Permit No.: T073-7642-00020
Facility: Generator Nos. 5, 6, 7, 10, and 11
Parameter: SO₂ emissions/sulfur content
Limit: 0.5 lbs/MMBtu / 0.5% sulfur content in fuel oil

YEAR: _____

Month	Monthly Average Fuel Oil Sulfur Content (%)	Monthly Average Higher Heating Value (MMBtu)	Fuel Oil Consumption (gallons)	Equivalent Sulfur Dioxide Emissions (lbs/MMBtu)

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR MANAGEMENT COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Rensselaer Municipal Electric Utility
Source Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Mailing Address: 425 North Van Rensselaer St., Rensselaer, Indiana 47978
Part 70 Permit No.: T073-7642-00020
Facility: Generator No. 14
Parameter: Sulfur content
Limit: 0.05% sulfur content in fuel oil

YEAR: _____

Month	Monthly Average Fuel Oil Sulfur Content (%)	Monthly Average Higher Heating Value (MMBtu)	Fuel Oil Consumption (gallons)	Equivalent Sulfur Dioxide Emissions (lbs/MMBtu)

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Indiana Department of Environmental Management Office of Air Management

Technical Support Document (TSD) for a Part 70 Operating Permit

Source Background And Description

Source Name: Rensselaer Municipal Electric Utility
Source Location: 425 North Van Rensselaer St., Rensselaer, IN 47978
County: Jasper
SIC Code: 4911
Operation Permit No.: T073-7642-00020
Permit Reviewer: Bryan Sheets

The Office of Air Management (OAM) has reviewed a Part 70 permit application from Rensselaer Municipal Electric Utility relating to the operation of six (6) diesel-fired or dual fuel-fired generators.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (1) One (1) diesel-fired generator, identified as Generator No. 5, with a maximum rating of 20.3 MMBtu per hour, and exhausting to Stack #5.
- (2) One (1) diesel or dual fuel-fired generator, identified as Generator No. 6, with a maximum rating of 25.2 MMBtu per hour, and exhausting to Stack #6.
- (3) One (1) diesel or dual fuel-fired generator, identified as Generator No. 7, with a maximum rating of 30.2 MMBtu per hour, and exhausting to Stack #7.
- (4) One (1) diesel or dual fuel-fired generator, identified as Generator No. 10, with a maximum rating of 21.0 MMBtu per hour, and exhausting to Stack #10.
- (5) One (1) diesel or dual fuel-fired generator, identified as Generator No. 11, with a maximum rating of 21.0 MMBtu per hour, and exhausting to Stack #11.
- (6) One (1) diesel or dual fuel-fired generator, identified as Generator No. 14, with a maximum rating of 50.8 MMBtu per hour, and exhausting to Stack #14.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

Emission Units and Pollution Control Equipment Under Enhanced New Source Review (ENSR)

There are no new facilities to be reviewed under the ENSR process.

Insignificant Activities

This source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(20):

- (1) One (1) antifreeze storage tank, identified as Antifreeze, with a capacity of 8000 gallons, and exhausting through a vent to the ambient air.
- (2) One (1) diesel fuel storage tank, identified as Diesel #1, with a capacity of 26,000 gallons, and exhausting through a vent to the ambient air.
- (3) Two (2) diesel fuel storage tanks, identified as Diesel #2 and Diesel #3, each with a capacity of 20,000 gallons, and each exhausting through a vent to the ambient air.
- (4) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 (One (1) batch, cold cleaner degreasing operation, capacity of 15 gallons, exhausting to the building).
- (5) Paved and unpaved roads and parking lots with public access.
- (6) Equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu/hour, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 Btu/hour.
- (7) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.
- (8) Other categories with emissions below insignificant levels:
 - (a) Cleaners and solvents characterized as having a vapor pressure equal to or less than 2 kPa; 15 mm Hg; or 0.3 psi measured at 38 degrees C (100 degrees F) and the use of which all cleaners and solvents combined does not exceed 145 gallons per 12 months.
 - (b) Cleaners and solvents characterized as having vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20 degrees C (68 degrees F) and the use of which all cleaners and solvents combined does not exceed 145 gallons per 12 months.
 - (c) Equipment used exclusively for filling drums, pails or other packaging containers with lubricating oils, waxes, and greases.
 - (d) Equipment used exclusively for packaging lubricants and greases.
 - (e) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks and fluid handling equipment.
 - (f) Machining where an aqueous cutting coolant continuously floods the machining interface.
 - (g) Solvent recycling systems with batch capacity less than or equal to 100 gallons.
 - (h) VOC and HAP storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons.
 - (i) VOC and HAP vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.

Existing Approvals

The source has been operating under the following approvals:

- (1) CP 073-2461, issued on July 22, 1992.

Enforcement Issues

There are no Enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and from additional information submitted by the applicant.

An administratively complete Part 70 permit application for the purposes of this review was received on December 12, 1996. Additional information was received on June 10, 1997.

Emission Calculations

Rensselaer Municipal Electric Utility has requested that the fuel usage limits in CP 073-2461 be relaxed due to a change in emission factors since the time of their original permit. The IDEM, OAM has reviewed this and found that AP-42 emission factors which were used in the original permit have not been lowered since the issuance of CP 073-2461. The other emission factors used in CP 073-2461 were provided by the manufacturer of the generators. The IDEM, OAM views the manufacturer emission factors as more accurate than AP-42 emission factors and will not reverse this decision unless testing would show otherwise.

See Appendix A of this document for detailed emissions calculations.

Potential Emissions

Pursuant to 326 IAC 1-2-55, Potential Emissions are defined as "emissions of any one (1) pollutant which would be emitted from a facility, if that facility were operated without the use of pollution control equipment unless such control equipment is necessary for the facility to produce its normal product or is integral to the normal operation of the facility."

Pollutant	Potential Emissions (tons/yr)
PM	< 100
PM-10	< 100
SO ₂	>100
VOC	>100
CO	>100
NO _x	>100

Note: For the purposes of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration

HAP	Potential Emissions (tons/yr)
Benzene	< 10
Toluene	< 10
Xylenes	<10
Formaldehyde	<10
Acetaldehyde	<10
Acrolein	<10
Naphthalene	<10
TOTAL	<25

- (a) The potential emissions (as defined in the Indiana Rule) of SO₂, VOC, CO, and NO_x are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects 1995 emission data.

Pollutant	Actual Emissions (tons/yr)
PM	0.10
PM-10	0.09
SO ₂	0.26
VOC	0.13
CO	1.22
NO _x	4.17
HAPs	negligible

Limited Potential to Emit

The table below summarizes the total limited potential to emit of the generators. The source's limited potential to emit is based on previous fuel usage limit of 830,000 gallons of diesel fuel and 192,000,000 cubic feet of natural gas. The limited potential to emit for each facility listed below is based on that unit utilizing the entire amount of fuel available to the source. The total emissions for each pollutant listed below is the greatest number from one of the facilities.

Process/Facility	Limited Potential to Emit (tons/year)						
	PM	PM-10	SO ₂	VOC	CO	NO _x	HAPs
Generator No. 5							
- Diesel Fired	5.6	5.6	32.4	5.8	44.1	194.3	0.09
Generator No. 6							
- Diesel Fired	3.6	3.6	29.7	5.3	30.3	213.5	0.09
- Dual Fuel Fired	3.0	3.0	3.0	12.1	60.0	179.9	-
Generator No. 7							
- Diesel Fired	5.7	5.7	32.8	5.9	44.5	196.4	0.09
- Dual Fuel Fired	0.0	0.0	2.8	21.1	81.3	240.8	-
Generator No. 10							
- Diesel Fired	2.6	2.6	29.3	7.0	21.1	210.8	0.09
- Dual Fuel Fired	1.4	1.4	2.8	13.9	47.3	166.9	-
Generator No. 11							
- Diesel Fired	2.6	2.6	29.3	7.0	21.1	210.8	0.09
- Dual Fuel Fired	1.4	1.4	2.8	13.9	47.3	166.9	-
Generator No. 14							
- Diesel Fired	3.0	3.0	33.3	8.0	16.0	239.5	0.09
- Dual Fuel Fired	1.8	1.8	3.5	14.1	63.6	194.4	-
Total Emissions	5.7	5.7	33.3	21.1	81.3	240.8	0.09

Attached Tables 1 to 6 summarize the permit conditions and requirements

County Attainment Status

The source is located in Jasper County.

Pollutant	Status
TSP	Attainment or Unclassifiable
PM-10	Attainment or Unclassifiable
SO ₂	Attainment or Unclassifiable
NO ₂	Attainment or Unclassifiable
Ozone	Attainment or Unclassifiable
CO	Attainment or Unclassifiable
Lead	Attainment or Unclassifiable

- a) Volatile organic compounds (VOC) and oxides of nitrogen are precursors for the formation of ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Jasper County has been designated as attainment or unclassifiable for ozone.

Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (1) Emission limitations and standards, including those operational requirements and limitation that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.
- (2) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

Federal Rule Applicability

The antifreeze storage tank, Antifreeze, which was constructed in 1968, is not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.110, Subpart K), because it was constructed prior to June 11, 1973.

The diesel storage tanks, Diesel #1, #2, and #3, which were constructed in 1976, are not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.110, Subpart K), because the tanks each have a capacity less than forty thousand (40,000) gallons.

There are no other New Source Performance Standards (326 IAC 12) applicable to this source.

There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) applicable to this facility.

State Rule Applicability - Entire Source

326 IAC 5-1-2 (Visible Emissions Limitations)

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in the permit:

- (a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings as determined by 326 IAC 5-1-4, and
- (b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

326 IAC 4-1-2 (Open Burning)

Pursuant to 326 IAC 4-1-2, the applicant shall not open burn any material, except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6.

326 IAC 6-4 (Fugitive Dust Emissions)

Pursuant to 326 IAC 6-4, fugitive dust shall not be visibly crossing the property lines except as provided in 326 IAC 6-4-6 (Exceptions).

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting) because it has the potential to emit more than 100 tons per year of NO_x. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8) (Emission Statement Operating Year).

State Rule Applicability - Generators

326 IAC 2-2 (Prevention of Significant Deterioration)

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration), this source has elected to limit their diesel fuel usage to 830,000 gallons per year and their natural gas usage to 192,000,000 cubic feet per year to avoid the requirements of this rule. These limitations are equivalent to 240 tons per year of NO_x emissions. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) will not apply.

326 IAC 8-1-6 (General Provision Relating to VOC Rules)

The requirements of this rule do not apply to any of the generators because each generator has potential emissions of VOC less than twenty-five (25) tons per year and/or they were constructed prior to January 1, 1980.

326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)

Pursuant to 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations), the SO₂ emissions from each generator shall not exceed five tenths (0.5) pounds per million Btu heat input.

State Rule Applicability - Storage Tanks

326 IAC 8-1-6 (General Provision Relating to VOC Rules)

The requirements of this rule do not apply to any of the storage tanks because each tank has potential emissions of VOC less than twenty-five (25) tons per year.

326 IAC 8-4-3 (Petroleum Liquid Storage Facilities)

The requirements of this rule do not apply to any of the storage tanks because each tank has a capacity less than thirty-nine thousand (39,000) gallons.

State Rule Applicability - Degreaser

326 IAC 8-3 (Organic Solvent Degreasing Operations)

The batch, cold cleaner degreasing operation, which was constructed in 1987, shall comply with the requirements of 326 IAC 8-3-2. The other requirements of this rule do not apply because of construction date or type of degreasing operation.

326 IAC 20-6 (Halogenated Solvent Cleaning)

The requirements of this rule do not apply to degreasing operation because the solvents listed in 326 IAC 20-6-1(a) are not used.

State Rule Applicability - Welding Equipment

326 IAC 6-3 (Process Operations)

That pursuant to 326 IAC 6-3-2, the allowable PM emissions from any welding equipment shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAM, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in permit Section D are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in permit Section D. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

There are no compliance monitoring requirements applicable to the facilities at this source. Record keeping and reporting will be required to document compliance with the sulfur dioxide limitation on the generators.

Air Toxic Emissions

Indiana presently requests applicants to provide information on emissions of the 187 hazardous air pollutants set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Office of Air Management (OAM) Part 70 Application Form GSD-08.

- (a) This source will emit levels of air toxics less than those which constitute a major source according to Section 112 of the 1990 Amendments to the Clean Air Act.
- (b) See attached calculations for detailed air toxic calculations. (Pages 8 and 9 of TSD Appendix A).

Conclusion

The operation of these six (6) diesel-fired or dual fuel-fired generators will be subject to the conditions of the attached proposed **Part 70 Permit No. T073-7642-00020**.

Table 1

Description of facility: Generator No. 5
Max Rating: 20.3 MMBtu / hour
Construction Date: 1950
Control Device (if any):
Stack/Vent ID: 5

Facility class: 012 **Description:** Combustion (except boilers): Distillate Oil

EMISSION LIMITATIONS		
Numerical Emission Limit:	0.5 lb SO ₂ /MMBtu	240 tons NO _x / 12 month period (source)
Regulation/Citation:	326 IAC 7-1.1	326 IAC 2-2
Compliance Demonstration:	Fuel sampling and analysis	Record keeping
PERFORMANCE TESTING		
Parameter/Pollutant to be Tested:	--	---
Testing Method/Analysis:	--	---
Testing Frequency/Schedule:	--	---
Submittal of Test Results:	--	---
COMPLIANCE MONITORING		
Monitoring Description:	Record Keeping	---
Monitoring Method:	Records, vendor certification	---
Monitoring Regulation/Citation:	326 IAC 7-2-1	---
Monitoring Frequency:	Monthly	---
RECORD KEEPING		
Parameter/Pollutant to be Recorded:	Sulfur content, heat content, gallons used, emission rate	Fuel type and amount used
Recording Frequency:	Monthly	Monthly
REPORTING REQUIREMENTS		
Information in Report:	Certification, sulfur content, heat content, fuel consumption, emission rate	Fuel type and amount used
Reporting Frequency/Submittal:	Quarterly	Quarterly

Table 2

Description of facility: Generator No. 6
Max Rating: 25.2 MMBtu / hour
Construction Date: 1957
Control Device (if any):
Stack/Vent ID: 6

Facility class: 011 **Description:** Combustion (except boilers): Natural Gas
012 Combustion (except boilers): Distillate Oil

EMISSION LIMITATIONS		
Numerical Emission Limit:	0.5 lb SO ₂ /MMBtu	240 tons NO _x / 12 month period (source)
Regulation/Citation:	326 IAC 7-1.1	326 IAC 2-2
Compliance Demonstration:	Fuel sampling and analysis	Record keeping
PERFORMANCE TESTING		
Parameter/Pollutant to be Tested:	--	---
Testing Method/Analysis:	--	---
Testing Frequency/Schedule:	--	---
Submittal of Test Results:	--	---
COMPLIANCE MONITORING		
Monitoring Description:	Record Keeping	---
Monitoring Method:	Records, vendor certification	---
Monitoring Regulation/Citation:	326 IAC 7-2-1	---
Monitoring Frequency:	Monthly	---
RECORD KEEPING		
Parameter/Pollutant to be Recorded:	Sulfur content, heat content, gallons used, emission rate	Fuel type and amount used
Recording Frequency:	Monthly	Monthly
REPORTING REQUIREMENTS		
Information in Report:	Certification, sulfur content, heat content, fuel consumption, emission rate	Fuel type and amount used
Reporting Frequency/Submittal:	Quarterly	Quarterly

Table 3

Description of facility: Generator No. 7
Max Rating: 30.2 MMBtu / hour
Construction Date: 1964
Control Device (if any):
Stack/Vent ID: 7

Facility class: 011 **Description:** Combustion (except boilers): Natural Gas
012 Combustion (except boilers): Distillate Oil

EMISSION LIMITATIONS		
Numerical Emission Limit:	0.5 lb SO ₂ /MMBtu	240 tons NO _x / 12 month period (source)
Regulation/Citation:	326 IAC 7-1.1	326 IAC 2-2
Compliance Demonstration:	Fuel sampling and analysis	Record keeping
PERFORMANCE TESTING		
Parameter/Pollutant to be Tested:	--	---
Testing Method/Analysis:	--	---
Testing Frequency/Schedule:	--	---
Submittal of Test Results:	--	---
COMPLIANCE MONITORING		
Monitoring Description:	Record Keeping	---
Monitoring Method:	Records, vendor certification	---
Monitoring Regulation/Citation:	326 IAC 7-2-1	---
Monitoring Frequency:	Monthly	---
RECORD KEEPING		
Parameter/Pollutant to be Recorded:	Sulfur content, heat content, gallons used, emission rate	Fuel type and amount used
Recording Frequency:	Monthly	Monthly
REPORTING REQUIREMENTS		
Information in Report:	Certification, sulfur content, heat content, fuel consumption, emission rate	Fuel type and amount used
Reporting Frequency/Submittal:	Quarterly	Quarterly

Table 4

Description of facility: Generator No. 10
Max Rating: 21.0 MMBtu / hour
Construction Date: 1971
Control Device (if any):
Stack/Vent ID: 10

Facility class: 011 **Description:** Combustion (except boilers): Natural Gas
012 Combustion (except boilers): Distillate Oil

EMISSION LIMITATIONS		
Numerical Emission Limit:	0.5 lb SO ₂ /MMBtu	240 tons NO _x / 12 month period (source)
Regulation/Citation:	326 IAC 7-1.1	326 IAC 2-2
Compliance Demonstration:	Fuel sampling and analysis	Record keeping
PERFORMANCE TESTING		
Parameter/Pollutant to be Tested:	--	---
Testing Method/Analysis:	--	---
Testing Frequency/Schedule:	--	---
Submittal of Test Results:	--	---
COMPLIANCE MONITORING		
Monitoring Description:	Record Keeping	---
Monitoring Method:	Records, vendor certification	---
Monitoring Regulation/Citation:	326 IAC 7-2-1	---
Monitoring Frequency:	Monthly	---
RECORD KEEPING		
Parameter/Pollutant to be Recorded:	Sulfur content, heat content, gallons used, emission rate	Fuel type and amount used
Recording Frequency:	Monthly	Monthly
REPORTING REQUIREMENTS		
Information in Report:	Certification, sulfur content, heat content, fuel consumption, emission rate	Fuel type and amount used
Reporting Frequency/Submittal:	Quarterly	Quarterly

Table 5

Description of facility: Generator No. 11
Max Rating: 21.0 MMBtu / hour
Construction Date: 1971
Control Device (if any):
Stack/Vent ID: 11

Facility class: 011 **Description:** Combustion (except boilers): Natural Gas
012 Combustion (except boilers): Distillate Oil

EMISSION LIMITATIONS		
Numerical Emission Limit:	0.5 lb SO ₂ /MMBtu	240 tons NO _x / 12 month period (source)
Regulation/Citation:	326 IAC 7-1.1	326 IAC 2-2
Compliance Demonstration:	Fuel sampling and analysis	Record keeping
PERFORMANCE TESTING		
Parameter/Pollutant to be Tested:	--	---
Testing Method/Analysis:	--	---
Testing Frequency/Schedule:	--	---
Submittal of Test Results:	--	---
COMPLIANCE MONITORING		
Monitoring Description:	Record Keeping	---
Monitoring Method:	Records, vendor certification	---
Monitoring Regulation/Citation:	326 IAC 7-2-1	---
Monitoring Frequency:	Monthly	---
RECORD KEEPING		
Parameter/Pollutant to be Recorded:	Sulfur content, heat content, gallons used, emission rate	Fuel type and amount used
Recording Frequency:	Monthly	Monthly
REPORTING REQUIREMENTS		
Information in Report:	Certification, sulfur content, heat content, fuel consumption, emission rate	Fuel type and amount used
Reporting Frequency/Submittal:	Quarterly	Quarterly

Table 6

Description of facility: Generator No. 14
Max Rating: 50.8 MMBtu / hour
Construction Date: 1994
Control Device (if any):
Stack/Vent ID: 14

Facility class: 011 **Description:** Combustion (except boilers): Natural Gas
012 Combustion (except boilers): Distillate Oil

EMISSION LIMITATIONS		
Numerical Emission Limit:	0.5 lb SO ₂ /MMBtu	240 tons NO _x / 12 month period (source)
Regulation/Citation:	326 IAC 7-1.1	326 IAC 2-2
Compliance Demonstration:	Fuel sampling and analysis	Record keeping
PERFORMANCE TESTING		
Parameter/Pollutant to be Tested:	--	---
Testing Method/Analysis:	--	---
Testing Frequency/Schedule:	--	---
Submittal of Test Results:	--	---
COMPLIANCE MONITORING		
Monitoring Description:	Record Keeping	---
Monitoring Method:	Records, vendor certification	---
Monitoring Regulation/Citation:	326 IAC 7-2-1	---
Monitoring Frequency:	Monthly	---
RECORD KEEPING		
Parameter/Pollutant to be Recorded:	Sulfur content, heat content, gallons used, emission rate	Fuel type and amount used
Recording Frequency:	Monthly	Monthly
REPORTING REQUIREMENTS		
Information in Report:	Certification, sulfur content, heat content, fuel consumption, emission rate	Fuel type and amount used
Reporting Frequency/Submittal:	Quarterly	Quarterly

Indiana Department of Environmental Management Office of Air Management

Addendum to the
Technical Support Document for a Part 70 Operating Permit

**Rensselaer Municipal Electric Utility
425 North Van Rensselaer Street
Rensselaer, Indiana 47978**

T-073-7642, Plt ID-073-00020

On June 27, 1997, the Office of Air Management (OAM) had a notice published in the Rensselaer Republican, Rensselaer, Indiana, stating that Rensselaer Municipal Electric Utility had applied for a Part 70 Operating Permit for six (6) diesel or dual fuel-fired generators. The notice also stated that OAM proposed to issue a permit for this source and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

The OAM has determined that the following changes shall be made to the permit (new language has been **bolded** for emphasis):

1. The first paragraph following the source name and address has been changed as follows on page 1 of 36 of the final permit:

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the ~~facilities listed~~ **source described** in Section A (Source Summary) of this permit.

2. The first paragraph of Section A has been changed as follows on page 4 of 36 of the final permit:

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM), ~~and presented in the permit application.~~
The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

3. Condition A.1 (General Information) has been changed as follows on page 4 of 36 of the final permit:

A.1 General Information [326 IAC 2-7-4(c)] **[326 IAC 2-7-5(15)]**

The Permittee owns and operates ~~six (6) diesel-fired or dual fuel-fired generators~~ **a stationary electric utility generating station.**

Responsible Official:	Susan M. Smith
Source Address:	425 North Van Rensselaer St., Rensselaer, IN 47978
Mailing Address:	425 North Van Rensselaer St., Rensselaer, IN 47978
SIC Code:	4911
County Location:	Jasper
County Status:	Attainment for all criteria pollutants

Source Status: Part 70 Permit Program
Synthetic Minor Source, under PSD or Emission Offset Rules;

4. Condition A.2 (Emission Units and Pollution Control Equipment Summary) has been changed as follows on page 4 of 36 of the final permit:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]
[326 IAC 2-7-5(15)]

This **stationary** source consists of the following emission units and pollution control devices:

- (a) One (1) diesel-fired generator, identified as Generator No. 5, with a maximum rating of 20.3 MMBtu per hour, and exhausting to Stack #5.
- (b) One (1) diesel or dual fuel-fired generator, identified as Generator No. 6, with a maximum rating of 25.2 MMBtu per hour, and exhausting to Stack #6.
- (c) One (1) diesel or dual fuel-fired generator, identified as Generator No. 7, with a maximum rating of 30.2 MMBtu per hour, and exhausting to Stack #7.
- (d) One (1) diesel or dual fuel-fired generator, identified as Generator No. 10, with a maximum rating of 21.0 MMBtu per hour, and exhausting to Stack #10.
- (e) One (1) diesel or dual fuel-fired generator, identified as Generator No. 11, with a maximum rating of 21.0 MMBtu per hour, and exhausting to Stack #11.
- (f) One (1) diesel or dual fuel-fired generator, identified as Generator No. 14, with a maximum rating of 50.8 MMBtu per hour, and exhausting to Stack #14.

5. Condition A.3 (Specifically Regulated Insignificant Activities) has been changed as follows on page 4 of 36 of the final permit:

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(~~20~~) (21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

This **stationary** source also includes the following insignificant activities **which are specifically regulated**, as defined in 326 IAC 2-7-1(~~20~~) (21):

- (1) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 (One (1) batch, cold cleaner degreasing operation, capacity of 15 gallons, exhausting to the building).
- (2) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.

6. Condition A.4 (Part 70 Permit Applicability) has been changed as follows on page 5 of 36 of the final permit:

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This **stationary** source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(~~21~~) (22).

- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).**

7. Condition A.5 (Prior Permit Conditions Superseded) has been removed from the permit.
8. Condition B.1 (Permit No Defense) has been changed as follows on page 6 of 36 of the final permit:

B.1 General Requirements ~~[IC 13-15] [IC 13-17] Permit No Defense [326 IAC 2-1-10][IC 13]~~

~~The Permittee shall comply with the provisions of IC 13-15 (Permits Generally), IC 13-17 (Air Pollution Control) and the rules promulgated thereunder.~~

- (a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.**
- (b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."**

9. Condition B.6 (Severability) has been changed as follows on page 6 of 36 of the final permit:

B.6 Severability ~~[326 IAC 2-7-5(5)] [326 IAC 2-7-8(a)(4)]~~

-
- ~~**(a)** The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit. and if any provisions of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.~~
- ~~**(b)** Indiana rules from 326 IAC quoted in conditions in this permit are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.~~

10. Subsection (c) of Condition B.8 (Duty to Supplement and Provide Information) has been changed as follows on page 7 of 36 of the final permit:

- (c)** Upon request, the Permittee shall also furnish to IDEM, OAM, copies of records required to be kept by this permit. ~~For information claimed to be confidential, the Permittee shall furnish such records directly to the U.S. EPA and IDEM, OAM, along with a claim of confidentiality. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAM, along with a claim of confidentiality under 326 IAC 17. \~~

If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

~~Such confidentiality claim shall meet the requirements of 40 CFR 2, Subpart B (when submitting to U.S. EPA) and 326 IAC 17 (when submitting to IDEM, OAM).~~

11. Subsections (b) and (c) of Condition B.10 (Certification) has been changed as follows on page 7 of 36 of the final permit:
- (b) ~~This certification shall be submitted~~ **One certification shall be included**, on the attached Certification Form, **with each submittal**.
 - (c) A responsible official is defined at 326 IAC 2-7-1~~(33)~~ **(34)**.
12. Condition B.11 (Annual Compliance Certification) has been changed as follows on pages 7 and 8 of 36:

B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually ~~certify that the source has complied~~ **submit a compliance certification report which addresses the status of the source's compliance** with terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification **shall cover the time period from January 1 to December 31 of the previous year, and** shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (b) ~~This annual compliance certification report required by this permit shall be timely if delivered by any method and received and stamped by IDEM, OAM, on or before the date it is due. [326 IAC 2-5-3]~~ **The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.**

- (c) The annual compliance certification report shall include the following:
- (1) The identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was **based on** continuous or intermittent **data**;
 - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); ~~and~~
 - (5) Any insignificant activity that has been added without a permit revision; and**
- ~~(5)~~ **(6)** Such other facts, as specified in Sections D of this permit, as IDEM, OAM may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

- ~~(d) The Permittee shall also annually certify that the source is in compliance with additional requirements as may be specified under Sections 114(a)(3) and 504(b) of the Clean Air Act.~~

13. Condition B.12 (Preventive Maintenance Plan) has been changed as follows on page 8 of 36 of the final permit:

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

-
- (a) **If required by specific condition(s) in Section D of this permit, the Permittee shall prepare, maintain and implement Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:**
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
 - ~~(3) Corrective actions that will be implemented in the event an inspection indicates an out of specification situation;~~
 - ~~(4) A time schedule for taking such corrective actions including a schedule for devising additional corrective actions for situations that may not have been predicted; and~~
- ~~(5)~~ **(3)** Identification and quantification of the replacement parts which will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

**Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015**

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.**
- ~~(b)~~ **(c) PMP's shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM.**

14. The last paragraph of subsection (b)(5) of Condition B.13 (Emergency Provisions) has been changed as follows on page 9 of 36 of the final permit:

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(C)~~(33)~~ **(34)**.

15. Condition B.14 (Permit Shield) has been changed as follows on pages 10 and 11 of 36 of the final permit:

B.14 Permit Shield [326 IAC 2-7-15]

-
- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.**
 - ~~(a)~~ **(b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.** Compliance with the conditions of this permit shall be deemed **in** compliance with any applicable requirements as of the date of permit issuance, provided ~~either of the following~~ **that:**
 - (1) The applicable requirements are included and specifically identified in this permit; **or**
 - (2) ~~IDEM, OAM, in acting on the Part 70 permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the Part 70 permit includes the determination or a concise summary thereof.~~ **The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.**
 - (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued.**

The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

- ~~(b)~~ **(d)** No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in, ~~or subsequent to~~, the permit application.
- ~~(c)~~ If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- ~~(d)~~ **(e)** Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
- (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- ~~(e)~~ **(f)** This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)~~(2)~~ (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)~~(2)~~ (trading based on State Implementation Plan (SIP) provisions).
- ~~(f)~~ **(g)** This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM, has issued the modifications. **[326 IAC 2-7-12(c)(7)]**
- ~~(g)~~ **(h)** This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM, has issued the modification. [326 IAC 2-7-12(b)(8)]

16. Condition B.16 (Deviations from Permit Requirements and Conditions) has been changed as follows on pages 11 and 12 of 36 of the final permit:

B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

- (a)** ~~Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any corrective actions response steps~~ or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:**
- (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or**
 - (2) An emergency as defined in 326 IAC 2-7-1(12); or**
 - (3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.**
 - (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.**

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached **Emergency/Deviation Occurrence Reporting Form(s)** or **their** its substantial equivalent. **The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).****
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.**

17. Subsection (a) of Condition B.17 (Permit Modification, Reopening, Revocation and Reissuance, or Termination) has been changed as follows on page 12 of 36 of the final permit:

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any ~~permit~~ condition of this permit. [326 IAC 2-7-5(6)(C)]

18. Subsections (a) and (b) of Condition B.18 (Permit Renewal) have been changed as follows on pages 12 and 13 of 36 of the final permit:

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM, and shall include, ~~at minimum,~~ the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(20) **(21) and 326 IAC 2-7-1(40).**

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

(1) ~~The Permittee has a duty to submit a timely and complete permit renewal application.~~ A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) ~~Delivered by any method and received and stamped by IDEM, OAM, on or before the date it is due.~~ **If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.** [326 IAC 2-5-3]

(2) If IDEM, OAM, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

19. Condition B.19 (Permit Amendment or Modification) has been changed as follows on pages 13 and 14 of 36 of the final permit:

~~B.19 Administrative Permit Amendment~~ **or Modification** [326 IAC 2-7-11] **[326 IAC 2-7-12]**

(a) ~~An administrative permit amendment is a Part 70 permit revision that makes changes of the type specified under 326 IAC 2-7-11(a).~~ **The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.**

(b) ~~An administrative permit amendment may be made by IDEM, OAM, consistent with the procedures specified under 326 IAC 2-7-11(e).~~ **Any application requesting an amendment or modification of this permit shall be submitted to:**

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the “responsible official” as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule.

- (c) The Permittee may implement ~~the~~ **administrative amendment** changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

20. Formerly Conditions B.20 (Minor Permit Modification) and B.21 (Significant Permit Modification) have been removed from the permit.

21. Condition B.20 (Permit Revision Under Economic Incentives and Other Programs) has been changed as follows on page 14 of 36 of the final permit:

~~B.22~~ **B.20** Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]
[326 IAC 2-7-12(b)(2)]

(a) **No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.**

(b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor **Part 70** permit modification procedures may be used for **Part 70** modifications ~~of this permit~~ involving the use of economic incentives, marketable **Part 70** permits, emissions trading, and other similar approaches to the extent that such minor **Part 70** permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated **or approved** by the U.S. EPA.

22. Condition B.21 (Changes Under Section 502(b)(10) of the Clean Air Act) has been changed as follows on page 14 of 36 of the final permit:

~~B.23~~ **B.21** Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]

The Permittee may make Section 502(b)(10) of the Clean Air Act changes (**this term is defined at 326 IAC 2-7-1(36)**) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

(a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

23. Condition B.24 (Operational Flexibility) has been changed as follows on pages 14 and 15 of 36 of the final permit:

~~B.24~~ **B.22** Operational Flexibility [326 IAC 2-7-20]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

- (2) Any approval required by 326 IAC 2-1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed ~~therein~~ **herein** as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana
(AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, to public review.

Such records shall consist of all information required to be submitted to IDEM, OAM, in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (b) For each such **Section 502(b)(10) of the Clean Air Act** change, the required written notification shall include the following:
 - (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(C)~~(33)~~ **(34)**.

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable ~~State Implementation Plan~~ (SIP) provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20~~(a)~~ (c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAM or U.S. EPA is required.
- (e) **Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.**

24. Condition B.23 (Construction Permit Requirement) has been changed as follows on page 15 of 36 of the final permit:

~~B-25~~ **B.23** Construction Permit Requirement [326 IAC 2]

Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be permitted as required by and in accordance with 326 IAC 2.

25. Condition B.24 (Inspection and Entry) has been changed as follows on pages 15 and 16 of 36 of the final permit:

~~B-26~~ **B.24** Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of ~~IDEM~~ **proper** identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements. [326 IAC 2-7-6(6)]

(1) **The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM, nor an authorized representative, may disclose the information unless and until IDEM, OAM, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]**

(2) **The Permittee and IDEM, OAM, acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]**

26. Condition B.25 (Transfer of Ownership or Operation) has been changed as follows on page 16 of 36 of the final permit:

~~B.27~~ **B.25** Transfer of Ownership or Operation [326 IAC 2-1-6] [326 IAC 2-7-11]

Pursuant to 326 IAC 2-1-6 and 326 IAC 2-7-11:

- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAM, Permits Branch, within thirty (30) days of the change. Notification shall include a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the Permittee and the new owner.
- (b) The written notification shall be sufficient to transfer the permit to the new owner **by an administrative amendment pursuant to 326 IAC 2-7-11. The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**
- (c) IDEM, OAM shall reserve the right to issue a new permit.

27. Condition B.26 (Annual Fee Payment) has been changed as follows on page 16 of 36 of the final permit:

~~B.28~~ **B.26** Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAM, ~~consistent with the fee schedule established in 326 IAC 2-7-19~~ **within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAM the applicable fee is due April 1 of each year.**

- (b) Failure to pay may result in administrative enforcement action, **or** revocation of this permit, ~~referral to the Office of the Attorney General for collection, or other appropriate measures.~~
- (c) ~~The Permittee shall pay the annual fee within thirty (30) calendar days of receipt of a billing by IDEM, OAM or in a time period that is consistent with the payment schedule issued by IDEM, OAM.~~
- ~~(d)~~ (c) ~~If the Permittee does not receive a bill from IDEM, OAM, thirty (30) calendar days before the due date,~~ the Permittee **shall may** call the following telephone numbers: 1-800-451-6027 or 317-233-~~5674~~ **0425** (ask for OAM, ~~Data~~ **Technical Support and Modeling** Section), to determine the appropriate permit fee. ~~The applicable fee is due April 1 of each year.~~

28. Condition B.27 (Credible Evidence) has been added as follows on page 16 of 36 of the final permit:

B.27 Credible Evidence [326 IAC 2-7-5(3)][62 Federal Register 8313][326 IAC 2-7-6]

Notwithstanding the conditions of this permit that state specific methods that may be used to assess compliance or noncompliance with applicable requirements, other credible evidence may be used to demonstrate compliance or non compliance.

29. Condition C.1 (PSD Minor Source Status) has been changed as follows on page 17 of 36 of the final permit:

C.1 PSD Minor Source Status [326 IAC 2-2] [40 CFR 52.21]

The total source potential to emit NO_x is limited to **less than 249 250** tons per **year** ~~365~~ consecutive day period. ~~Pursuant to CP073-2461-00020, the potential to emit NO_x from the generators is limited to 240 tons per twelve (12) month consecutive period.~~ Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.

30. Condition C.2 (Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour) has been added as follows on page 17 of 36 of the final permit:

C.2 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

31. Condition C.4 (Open Burning) has been changed as follows on page 17 of 36 of the final permit:

~~E.3~~ **C.4** Open Burning [326 IAC 4-1] [~~IC 13-7-9~~ 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. **The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.**

32. Condition C.5 (Incineration) has been changed as follows on page 17 of 36 of the final permit:

~~E.4~~ **C.5** Incineration [326 IAC 4-2][~~326 IAC 9-1-2(a)~~]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2(~~a~~).

33. Condition C.6 (Fugitive Dust Emissions) has been changed as follows on page 17 of 36 of the final permit:

~~E.5~~ **C.6** Fugitive Dust Emissions [326 IAC 6-4]

~~The permittee shall be in violation of 326 IAC 6-4 (Fugitive Dust Emissions) if any of the criteria specified in 326 IAC 6-4-2(1) through (4) are violated. Observations of visible emissions crossing the property line of the source at or near ground level must be made by a qualified representative of IDEM. [326 IAC 6-4-5(c)]~~ **The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.**

34. Condition C.7 (Operation of Equipment) has been changed as follows on page 17 of 36 of the final permit:

~~E.6~~ **C.7** Operation of Equipment [326 IAC 2-7-6(6)]

- (a) ~~All equipment that may emit pollutants into the ambient air shall be properly operated to meet the requirements of this permit and maintained in accordance with Section B - Preventive Maintenance Plan.~~
- (b) ~~Unless otherwise stated in this permit, all air pollution control equipment listed in this permit shall be operated at all times that the emission unit vented to the control equipment is in operation.~~
- (c) ~~The Permittee shall perform all necessary maintenance according to the Preventive Maintenance Plan and make all necessary attempts to keep all air pollution control equipment in proper operating condition at all times such that the requirements of this permit are met.~~

All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

35. Condition C.8 (Stack Height) has been added as follows on page 17 of 36 of the final permit:

C.8 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

36. Condition C.9 (Asbestos Abatement Projects) has been changed as follows on page 18 of 36 of the final permit:

~~C.7~~ **C.9 Asbestos Abatement Projects —Accreditation [326 IAC 14-10] [326 IAC 18-4] [40 CFR 61.140]**

~~Prior to the commencement of any demolition or renovation activities, the Permittee shall use an Indiana accredited asbestos inspector to inspect thoroughly the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II nonfriable asbestos containing material. The requirement that the inspector be Indiana accredited is not federally enforceable.~~

- (a) **Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.**
- (b) **The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:**
 - (1) **When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or**
 - (2) **If there is a change in the following:**
 - (A) **Asbestos removal or demolition start date;**
 - (B) **Removal or demolition contractor; or**
 - (C) **Waste disposal site.**
- (c) **The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).**
- (d) **The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).**

All required notifications shall be submitted to:

**Indiana Department of Environmental Management
Asbestos Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015**

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) Procedures for Asbestos Emission Control**
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

37. Condition C.10 (Performance Testing) has been changed as follows on page 19 of 36 of the final permit:

~~C.8~~ C.10 Performance Testing [326 IAC ~~3-2.4~~ 3-6]

- (a)** All testing shall be performed according to the provisions of 326 IAC ~~3-2.4~~ 3-6 (Source Sampling Procedures), **except as provided elsewhere in this permit**, utilizing methods approved by IDEM, OAM.

A test protocol, **except as provided elsewhere in this permit**, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days ~~before~~ **prior to** the intended test date. **The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.**

- (b)** All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

38. Condition C.11 (Compliance Schedule) has been changed as follows on page 19 of 36 of the final permit:

~~C.9~~ **C.11 Compliance Schedule** [326 IAC 2-7-6(3)]

The Permittee:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements;
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and
- (c) Will ~~continue to~~ comply with such **applicable** requirements that become effective during the term of this permit.

39. Condition C.12 (Compliance Monitoring) has been changed as follows on page 19 of 36 of the final permit:

~~C.10~~ **C.12 Compliance Monitoring** [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented ~~in accordance with the provisions of 326 IAC 2-7-5(3) as required by this permit.~~ The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee **may extend compliance schedule an additional ninety (90) days provided the Permittee shall notify** notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, ~~no more than prior to the end of the initial~~ **schedule after receipt of this permit**, with full justification of the reasons for the inability to meet this date ~~and a schedule which it expects to meet. If a denial of the request is not received before the monitoring is fully implemented, the schedule shall be deemed approved.~~

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(C)~~(33)~~ **(34)**.

40. Condition C.13 (Monitoring Methods) has been changed as follows on page 20 of 36 of the final permit:

~~C.11~~ **C.13 Monitoring Methods** [326 IAC 3]

Any monitoring or testing performed to meet the **applicable** requirements of this permit shall be performed, ~~whenever applicable~~ according to the provisions of 326 IAC 3, or 40 CFR 60, Appendix A, ~~as appropriate, unless some or other approved methods is as~~ specified in this permit.

41. Formerly Condition C.12 (Asbestos Abatement Projects) has been removed from the permit.
42. Condition C.14 (Emergency Reduction Plans) has been changed as follows on page 20 of 36 of the final permit:

~~C.13~~ **C.14** Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

- (b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

- (c) If the ERP is disapproved by IDEM, OAM, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP. ~~If after this time, the Permittee does not submit an approvable ERP then IDEM, OAM, shall supply such a plan.~~
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAM, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

43. Condition C.15 (Risk Management Plan) has been changed as follows on pages 20 and 21 of 36 of the final permit:

~~C.14~~ **C.15** Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, **subject to 40 CFR 68**, is present **in a process** in more than a threshold quantity that is subject to 40 CFR 68, 40 CFR 68 is an applicable requirement and the Permittee shall;

- (a) Submit:

- (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or

- (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
 - (3) A verification to IDEM, OAM that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

44. Condition C.16 (Compliance Monitoring Plan - Failure to Take Corrective Action) has been changed as follows on page 21 of 36 of the final permit:

~~C.15~~ **C.16** Compliance Monitoring Plan - Failure to Take Corrective Action [326 IAC 2-7-5(9)]
[326 IAC 2-7-6] [326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
- (1) This condition;
 - (2) The Compliance Determination Requirements in Section D of this permit;
 - (3) The Compliance Monitoring Requirements in Section D of this permit;
 - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
 - (5) ~~The Preventive Maintenance Plan described in Section B, Preventive Maintenance Plan, of this permit.~~ **A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP’s shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :**
 - (A) **Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and**
 - (B) **A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.**

- (b) For each compliance monitoring condition of this permit appropriate ~~corrective actions response steps, as described in the Preventive Maintenance Plan,~~ shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the ~~corrective actions response steps~~ within the ~~prescribed time~~ **prescribed in the Compliance Response Plan contained within the Preventive Maintenance Plan** shall constitute a violation of the permit unless taking the ~~corrective action response steps~~ set forth in the ~~Preventive Maintenance Plan~~ **Compliance Response Plan** would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee may be excused from taking further ~~corrective action response steps~~ for any of the following reasons:
- (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further ~~corrective actions response steps~~ providing that prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied; or
 - (3) An automatic measurement was taken when the process was not operating; or
 - (4) The ~~Permittee determines that the~~ process has already returned to operating within "normal" parameters and no ~~corrective action is~~ **response steps are** required.
- (d) Records shall be kept of all instances in which the ~~action values were~~ **compliance related information was** not met and of all ~~corrective actions response steps~~ taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
45. Condition C.17 (Actions Related to Noncompliance Demonstrated by a Stack Test) has been changed as follows on page 22 of 36 of the final permit:

~~C.16~~ **C.17** Actions Related to Noncompliance Demonstrated by a Stack Test **[326 IAC 2-7-5]**
[326 IAC 2-7-6]

- (a) When the results of the stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, ~~the Permittee shall take~~ appropriate corrective actions ~~shall be taken.~~ **The Permittee shall submit** a description of these corrective actions ~~shall be submitted~~ to IDEM, OAM, within thirty (30) days of receipt of the test results. ~~These corrective actions shall be implemented immediately unless notified by IDEM, OAM that they are not acceptable.~~ The Permittee shall take appropriate action ~~make every effort~~ to minimize emissions from the affected facility while the corrective actions are being implemented.

IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserve(s) the right to utilize **authority to use** enforcement activities to resolve the noncompliant stack tests.

- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. **Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline.** Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

46. Condition C.18 (Emission Statement) has been changed as follows on pages 22 and 23 of 36 of the final permit:

~~C.17~~ **C.18** Emission Statement [326 IAC 2-7-5(3)(C)(iii)] **[326 IAC 2-7-5(7)]** [326 IAC 2-7-19(c)]
[326 IAC 2-6]

-
- (a) The Permittee shall submit ~~a certified,~~ **an annual emission statement certified pursuant to that meets** the requirements of 326 IAC 2-6 (Emission Reporting)-~~This annual statement, that~~ must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. ~~The submittal should cover the time period defined in 326 IAC 2-6-2(8) (Emission Statement Operating Year).~~ The annual **emission statement must be submitted to shall meet the following requirements:**

- (1) **Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);**
- (2) **Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.**

- (b) **The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:**

Indiana Department of Environmental Management
Data Support Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- ~~(b) (c) This annual emission statement required by this permit shall be timely if delivered by any method and received and stamped by IDEM, OAM, on or before the date it is due. [326 IAC 2-5-3]~~

The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

47. Condition C.19 (Monitoring Data Availability) has been changed as follows on page 23 of 36 of the final permit:

~~C.18~~ **C.19** Monitoring Data Availability ~~[326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]~~

- (a) **With the exception of performance tests conducted in accordance with Section C- Performance Testing**, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) **As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above**, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

48. Condition C.20 (General Record Keeping Requirements) has been changed as follows on pages 23 and 24 of 36 of the final permit:

~~C.19~~ **C.20** General Record Keeping Requirements ~~[326 IAC 2-7-5(3)(B)] [326 IAC 2-7-6]~~

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location **for a minimum of three (3) years** and available ~~within one (1) hour upon verbal~~ **the** request of an IDEM, OAM representative, ~~for a minimum of three (3) years. They~~ **The records** may be stored elsewhere for the remaining two (2) years ~~providing as long as they are made available within thirty (30) days after written~~ **available upon** request.

If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and
 - (6) The operating conditions existing at the time of sampling or measurement.

- (c) Support information shall include, where applicable:
 - (1) Copies of all reports required by this permit;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) ~~Records of any required preventive maintenance and corrective actions that were implemented. Such records shall briefly describe what was done and indicate who did it. Such records may include, but are not limited to: work orders, quality assurance procedures, quality control procedures, operator's standard operating procedures, manufacturer's specifications or their equivalent, and equipment "troubleshooting" guidance.~~ **Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.**

- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

49. Condition C.21 (General Reporting Requirements) has been changed as follows on page 24 of 36 of the final permit:

~~C.20~~ **C.21** General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) **To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported.**
- ~~(a)~~ (b) **The report required in (a) of this condition and reports required by Conditions in Section D of this permit shall be submitted to:**
- Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- ~~(b)~~ (c) **Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.**
- ~~(1) — Delivered by U. S. mail and postmarked on or before the date it is due; or~~
- ~~(2) — Delivered by any other method if it is received and stamped by IDEM, OAM, on or before the date it is due.~~
- ~~(c)~~ (d) **Unless otherwise specified in this permit, any semi-annual quarterly report shall be submitted within thirty (30) days of the end of the six (6) month reporting period.**
- ~~(d)~~ (e) **All instances of deviations from any requirements of this permit as described in Section B - Deviations from Permit Requirements and Conditions must be clearly identified in such reports.**
- ~~(e)~~ (f) **Any corrective actions or response steps taken as a result of an exceedance of a limit, an excursion from the parametric values, or a malfunction that may have caused excess emissions each deviation must be clearly identified in such reports.**
- ~~(f)~~ (g) **The first report shall cover the period commencing the date of issuance of this permit and ending the last day of the quarter being reported reporting period.**

The documents submitted pursuant to this condition do not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

50. It has been determined by the OAM that Title IV (Acid Rain) requirements apply to Generator No. 14. However, consistent with the Acid Rain provisions, Rensselaer Municipal Electric Utility (RMEU) has elected to follow the New Unit Exemption requirements. Therefore, RMEU must

comply with a limit of 0.05 percent sulfur content in their fuel oil upon submittal of the New Unit Exemption request.

Condition D.1.2 (Sulfur Dioxide) has been changed such that the Title V permit does not directly conflict the Title IV requirements as follows on page 26 of 36 of the final permit.

- (b) **Pursuant to 40 CFR 72.7 and the New Unit Exemption application, received on January 5, 1998, Generator No. 14 shall use fuel with less than five-hundredths percent (0.05%) sulfur content. Compliance with this limit shall satisfy the requirements of 326 IAC 7-1.1-1.**

Condition D.1.5 (Sulfur Dioxide Emissions and Sulfur Content) has been changed as follows on page 27 of 36 of the final permit:

- (a) Compliance **with Condition D.1.2(a)** shall be determined utilizing one of the following options:
- (1) Pursuant to 326 IAC ~~3-3-4~~ **3-7-4**, the Permittee shall demonstrate that the fuel oil sulfur content **for Generator Nos. 5, 6, 7, 10, and 11** does not exceed five-tenths percent (0.5%) by weight by the following:
- (A) Providing vendor analysis of fuel delivered, if accompanied by a certification;
- (B) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
- (i) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
- (ii) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling; or
- (2) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the generators, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC ~~3-2-4~~ **3-6**.

A determination of noncompliance pursuant to either of the methods specified in (1) or (2) above shall not be refuted by evidence of compliance pursuant to the other method.

- (b) **Compliance with Section D.1.2(b) shall be determined utilizing the methods prescribed in 40 CFR 72.7(d)(2)(i) and/or (ii).**

Any tank which will be used to store 0.05% sulfur content fuel oil shall be free of any standing liquid or sludge prior to filling, if it previously stored a higher sulfur content fuel oil.

51. Condition D.1.3 (Preventive Maintenance Plan) has been added as follows on page 26 of 36 of the final permit:

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities.

52. Condition D.1.4 (Testing Requirements) has been changed as follows on page 26 of 36 of the final permit:

~~D.1.3~~ **D.1.4 Testing Requirements [326 IAC 2-7-6(1),(6)]**

~~Testing of these facilities are not specifically required by this permit. However, this does not preclude testing requirements on these facilities under 326 IAC 2-1-4(f) and 326 IAC 2-7-6(4). The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the SO₂ limit specified in Condition D.1.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.~~

53. Condition D.1.6 (Visible Emissions Notations) has been added on page 27 of 36 of the final permit to require the source to demonstrate continuous compliance with the opacity limits established in Section C. The condition reads as follows:

D.1.6 Visible Emissions Notations

- (a) **Daily visible emission notations of the generator stack exhausts (Stack Nos. 5, 6, 7, 10, 11 and 14) shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.**
- (b) **For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.**
- (c) **In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.**
- (d) **A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.**
- (e) **The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.**

54. Condition D.1.7 (Record Keeping Requirements) has been changed as follows on page 28 of 26 of the final permit:

~~D.1.5~~ **D.1.7 Record Keeping Requirements**

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records on a monthly basis in accordance with (1) and (2) below.
 - (1) The type and amount of each fuel used. Records shall include purchase orders and invoices necessary to verify the type and amount used; and

- (2) Calendar dates covered in the compliance determination period.
- (b) To document compliance with Condition D.1.2(a), the Permittee shall maintain records in accordance with (1) through (6) below.
- (1) Calendar dates covered in the compliance determination period;
 - (2) Actual usage since last compliance determination period and ~~value calculated per limitation~~ **equivalent sulfur dioxide emissions;**
 - (3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

If the fuel supplier certification is used to demonstrate compliance, the following, at a minimum, shall be maintained:

- (4) Fuel supplier certifications.

~~The fuel supplier certification shall contain, as a minimum, the following:~~

- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

- (c) **To document compliance with Condition D.1.2(b), the Permittee shall maintain records in accordance with 40 CFR 72.7(d)(3).**
 - (d) **To document compliance with Condition D.1.6, the Permittee shall maintain records of daily visible emission notations of the generator stack exhausts (Stack Nos. 5, 6, 7, 10, 11 and 14).**
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

55. Condition D.2.2 (Halogenated Solvent Cleaning NESHAP) has been added on page 29 of 36 of the final permit to ensure that the degreasing facility does not have to comply with the NESHAP regulations. The condition reads as follows:

D.2.2 Halogenated Solvent Cleaning NESHAP [326 IAC 20-6-1] [40 CFR 63.460]

The owner or operator of the degreasing facility shall not use any cleaning agent containing the following halogenated HAPs, or any combination in a total concentration greater than five percent (5%) by weight:

- (a) methylene chloride (CAS No. 75-09-2),
- (b) perchloroethylene (CAS No. 127-18-4),
- (c) trichloroethylene (CAS No. 79-01-6),
- (d) 1,1,1 - trichloroethane (CAS No. 71-55-6),
- (e) carbon tetrachloride (CAS No. 56-23-5), and
- (f) chloroform (CAS No. 67-66-3).

This limitation will ensure that the requirements of 40 CFR 63.460 (Halogenated Cleaning Solvent NESHAP) do not apply.

- 56. Formerly Condition D.2.2 (Testing Requirements) has been removed from the permit.
- 57. Condition D.2.3 (Record Keeping Requirements) has been added as follows on page 29 of 36 of the final permit:

D.2.3 Record Keeping Requirements

- (a) **To document compliance with Condition D.2.2, the Permittee shall maintain records of the HAP content of each cleaning material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type used.**
 - (b) **All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.**
- 58. Section D.3 for insignificant welding has been removed from the permit. Condition C.2 will apply to the welding operations.
 - 59. The Certification Form has been replaced with a revised Certification Form on page 30 of 36 of the final permit.
 - 60. A Compliance Monitoring Report Form has been added on page 31 of 36 of the final permit.
 - 61. The Deviation Occurrence Form has been replaced with the Emergency/Deviation Occurrence Form on pages 32 and 33 of 36 of the final permit.
 - 62. The Quarterly Reporting Form for sulfur content has been separated into two forms to clarify the fuel oil sulfur content requirements for Generator No. 14.
 - 63. The Table of Contents has been updated to reflect the above mentioned changes.

**Appendix A: Emission Calculations
Internal Combustion Engines - Diesel Fuel
Generator (>600 HP)**

Company Name: Rensselaer Municipal Electric Utility
City, Indiana: Rensselaer, Indiana
Reviewer: Bryan Sheets
Date: 04/11/97
CP#: T073-7642-00020

3. Generator No. 10

Heat Input Capacity
MMBtu/hr

21.0

Emission Factor in lb/MMBtu	Pollutant						
	Benzene 7.76E-04	Toluene 2.81E-04	Xylenes 1.93E-04	Formaldehyde 7.89E-05	Acetaldehyde 2.52E-05	Acrolein 7.88E-06	Naphthalene 1.30E-04
Potential Emission in tons/yr	0.071	0.026	0.018	0.007	0.002	0.001	0.012
Limited Emissions in tons/yr	0.045	0.016	0.011	0.005	0.001	0.000	0.008

4. Generator No. 11

Heat Input Capacity
MMBtu/hr

21.0

Emission Factor in lb/MMBtu	Pollutant						
	Benzene 7.76E-04	Toluene 2.81E-04	Xylenes 1.93E-04	Formaldehyde 7.89E-05	Acetaldehyde 2.52E-05	Acrolein 7.88E-06	Naphthalene 1.30E-04
Potential Emission in tons/yr	0.071	0.026	0.018	0.007	0.002	0.001	0.012
Limited Emissions in tons/yr	0.045	0.016	0.011	0.005	0.001	0.000	0.008

5. Generator No. 14

Heat Input Capacity
MMBtu/hr

50.8

Emission Factor in lb/MMBtu	Pollutant						
	Benzene 7.76E-04	Toluene 2.81E-04	Xylenes 1.93E-04	Formaldehyde 7.89E-05	Acetaldehyde 2.52E-05	Acrolein 7.88E-06	Naphthalene 1.30E-04
Potential Emission in tons/yr	0.173	0.063	0.043	0.018	0.006	0.002	0.029
Limited Emissions in tons/yr	0.045	0.016	0.011	0.005	0.001	0.000	0.008

Methodology

Potential Throughput (hp-hr/yr) = hp * 8760 hr/yr

Emission Factors are from AP 42 Table 3.4-3 and Table 3.4-4..

Potential Emissions (tons/yr) = [Heat Input Capacity (MMBtu/hr) x Emission Factor (lb/MMBtu)] * 8760 hrs/yr / (2,000 lb/ton)

Limited Emissions (tons/yr) = 830,000 gal/yr x Max. Fuel Usage for Generator (gal/hr) / 8760 hrs/yr x Potential Emissions