

Michigan Department of Environmental Quality
Air Quality Division

EFFECTIVE DATE: August 9, 2011

ISSUED TO

Consumers Energy Company, B.C. Cobb Electric Generating Station

State Registration Number (SRN): B2836

LOCATED AT

151 North Causeway, Muskegon, Michigan 49445-3301

RENEWABLE OPERATING PERMIT

Permit Number: MI-ROP-B2836-2011

Expiration Date: August 9, 2016

Administratively Complete ROP Renewal Application
Due Between February 9, 2015 and February 9, 2016

This Renewable Operating Permit (ROP) is issued in accordance with and subject to Section 5506(3) of Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451). Pursuant to Michigan Air Pollution Control Rule 210(1), this ROP constitutes the permittee's authority to operate the stationary source identified above in accordance with the general conditions, special conditions and attachments contained herein. Operation of the stationary source and all emission units listed in the permit are subject to all applicable future or amended rules and regulations pursuant to Act 451 and the federal Clean Air Act.

SOURCE-WIDE PERMIT TO INSTALL

Permit Number: MI-PTI-B2836-2011

This Permit to Install (PTI) is issued in accordance with and subject to Section 5505(5) of Act 451. Pursuant to Michigan Air Pollution Control Rule 214a, the terms and conditions herein, identified by the underlying applicable requirement citation of Rule 201(1)(a), constitute a federally enforceable PTI. The PTI terms and conditions do not expire and remain in effect unless the criteria of Rule 201(6) are met. Operation of all emission units identified in the PTI is subject to all applicable future or amended rules and regulations pursuant to Act 451 and the federal Clean Air Act.

Michigan Department of Environmental Quality

Heidi G. Hollenbach, Grand Rapids District Supervisor

TABLE OF CONTENTS

AUTHORITY AND ENFORCEABILITY	2
A. GENERAL CONDITIONS	2
Permit Enforceability	2
General Provisions	2
Equipment & Design	2
Emission Limits	2
Testing/Sampling	2
Monitoring/Recordkeeping	2
Certification & Reporting	2
Permit Shield.....	2
Revisions	2
Reopenings.....	2
Renewals	2
Stratospheric Ozone Protection	2
Risk Management Plan.....	2
Emission Trading	2
Permit To Install (PTI)	2
B. SOURCE-WIDE CONDITIONS.....	2
C. EMISSION UNIT CONDITIONS.....	2
EMISSION UNIT SUMMARY TABLE	2
EUAUXBLR.....	2
EUFLYASH	2
EUFUELHAND.....	2
EUBOILER4.....	2
EUBOILER5.....	2
D. FLEXIBLE GROUP CONDITIONS	2
FLEXIBLE GROUP SUMMARY TABLE	2
FGBOILERS1,2&3.....	2
FGBOILERS4&5	2
FGEMERENGINES	2
FGPARTSCLEANERS.....	2
FGRULE290	2
E. NON-APPLICABLE REQUIREMENTS.....	2
APPENDICES.....	2
Appendix 1. Abbreviations and Acronyms	2
Appendix 2. Schedule of Compliance	2
Appendix 3. Monitoring Requirements.....	2
Appendix 4. Recordkeeping.....	2
Appendix 5. Testing Procedures.....	2
Appendix 6. Permits to Install	2
Appendix 7. Emission Calculations.....	2
Appendix 8. Reporting	2
Appendix 9. Acid Rain Permit	2

Appendix 10. CAIR SO2 Budget Permit.....2
Appendix 11. CAIR Annual NOx Budget Permit2
Appendix 12. CAIR Ozone Nitrogen Oxide Budget Permit2

AUTHORITY AND ENFORCEABILITY

For the purpose of this permit, the **permittee** is defined as any person who owns or operates an emission unit at a stationary source for which this permit has been issued. The **department** is defined in Rule 104(d) as the Director of the Michigan Department of Environmental Quality (MDEQ) or his or her designee.

The permittee shall comply with all specific details in the permit terms and conditions and the cited underlying applicable requirements. All terms and conditions in this ROP are both federally enforceable and state enforceable unless otherwise footnoted. Certain terms and conditions are applicable to most stationary sources for which an ROP has been issued. These general conditions are included in Part A of this ROP. Other terms and conditions may apply to a specific emission unit, several emission units which are represented as a flexible group, or the entire stationary source which is represented as a source-wide group. Special conditions are identified in Parts B, C, D and/or the appendices.

In accordance with Rule 213(2)(a), all underlying applicable requirements will be identified for each ROP term or condition. All terms and conditions that are included in a PTI, are streamlined or subsumed, or is state only enforceable will be noted as such.

In accordance with Section 5507 of Act 451, the permittee has included in the ROP application a compliance certification, a schedule of compliance, and a compliance plan. For applicable requirements with which the source is in compliance, the source will continue to comply with these requirements. For applicable requirements with which the source is not in compliance, the source will comply with the detailed schedule of compliance requirements that are incorporated as an appendix in this ROP. Furthermore, for any applicable requirements effective after the date of issuance of this ROP, the stationary source will meet the requirements on a timely basis, unless the underlying applicable requirement requires a more detailed schedule of compliance.

Issuance of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.

A. GENERAL CONDITIONS

Permit Enforceability

- All conditions in this permit are both federally enforceable and state enforceable unless otherwise noted. **(R 336.1213(5))**
- Those conditions that are hereby incorporated in a state only enforceable Source-Wide PTI pursuant to Rule 201(2)(d) are designated by footnote one. **(R 336.1213(5)(a), R 336.1214a(5))**
- Those conditions that are hereby incorporated in federally enforceable Source-Wide PTI No. MI-PTI-B2836-2011 pursuant to Rule 201(2)(c) are designated by footnote two. **(R 336.1213(5)(b), R 336.1214a(3))**

General Provisions

1. The permittee shall comply with all conditions of this ROP. Any ROP noncompliance constitutes a violation of Act 451, and is grounds for enforcement action, for ROP revocation or revision, or for denial of the renewal of the ROP. All terms and conditions of this ROP that are designated as federally enforceable are enforceable by the Administrator of the United States Environmental Protection Agency (USEPA) and by citizens under the provisions of the federal Clean Air Act (CAA). Any terms and conditions based on applicable requirements which are designated as "state only" are not enforceable by the USEPA or citizens pursuant to the CAA. **(R 336.1213(1)(a))**
2. 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 ROP. **(R 336.1213(1)(b))**
3. This ROP may be modified, revised, or revoked for cause. The filing of a request by the permittee for a permit modification, revision, or termination, or a notification of planned changes or anticipated noncompliance does not stay any ROP term or condition. This does not supersede or affect the ability of the permittee to make changes, at the permittee's own risk, pursuant to Rule 215 and Rule 216. **(R 336.1213(1)(c))**
4. The permittee shall allow the department, or an authorized representative of the department, upon presentation of credentials and other documents as may be required by law and upon stating the authority for and purpose of the investigation, to perform any of the following activities **(R 336.1213(1)(d))**:
 - a. Enter, at reasonable times, a stationary source or other premises where emissions-related activity is conducted or where records must be kept under the conditions of the ROP.
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the ROP.
 - c. Inspect, at reasonable times, any of the following:
 - i. Any stationary source.
 - ii. Any emission unit.
 - iii. Any equipment, including monitoring and air pollution control equipment.
 - iv. Any work practices or operations regulated or required under the ROP.
 - d. As authorized by Section 5526 of Act 451, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the ROP or applicable requirements.
5. The permittee shall furnish to the department, within a reasonable time, any information the department may request, in writing, to determine whether cause exists for modifying, revising, or revoking the ROP or to determine compliance with this ROP. Upon request, the permittee shall also furnish to the department copies of any records that are required to be kept as a term or condition of this ROP. For information which is claimed by the permittee to be confidential, consistent with the requirements of the 1976 PA 442, MCL §15.231 et seq.,

and known as the Freedom of Information Act, the person may also be required to furnish the records directly to the USEPA together with a claim of confidentiality. **(R 336.1213(1)(e))**

6. A challenge by any person, the Administrator of the USEPA, or the department to a particular condition or a part of this ROP shall not set aside, delay, stay, or in any way affect the applicability or enforceability of any other condition or part of this ROP. **(R 336.1213(1)(f))**
7. The permittee shall pay fees consistent with the fee schedule and requirements pursuant to Section 5522 of Act 451. **(R 336.1213(1)(g))**
8. This ROP does not convey any property rights or any exclusive privilege. **(R 336.1213(1)(h))**

Equipment & Design

9. Any collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in Rule 370(2). **(R 336.1370)**
10. Any air cleaning device shall be installed, maintained, and operated in a satisfactory manner and in accordance with the Michigan Air Pollution Control rules and existing law. **(R 336.1910)**

Emission Limits

11. Except as provided in Subrules 2, 3, and 4 of Rule 301, states in part; "a person shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of a density greater than the most stringent of Rule 301(1)(a) or (b) unless otherwise specified in this ROP." The grading of visible emissions shall be determined in accordance with Rule 303. **(R 336.1301(1) in pertinent part):**
 - a. A 6-minute average of 20 percent opacity, except for one 6-minute average per hour of not more than 27 percent opacity.
 - b. A limit specified by an applicable federal new source performance standard.
12. The permittee shall not cause or permit the emission of an air contaminant or water vapor in quantities that cause, alone or in reaction with other air contaminants, either of the following:
 - a. Injurious effects to human health or safety, animal life, plant life of significant economic value, or property.¹ **(R 336.1901(a))**
 - b. Unreasonable interference with the comfortable enjoyment of life and property.¹ **(R 336.1901(b))**

Testing/Sampling

13. The department may require the owner or operator of any source of an air contaminant to conduct acceptable performance tests, at the owner's or operator's expense, in accordance with Rule 1001 and Rule 1003, under any of the conditions listed in Rule 1001(1). **(R 336.2001)**
14. Any required performance testing shall be conducted in accordance with Rule 1001(2), Rule 1001(3) and Rule 1003. **(R 336.2001(2), R 336.2001(3), R 336.2003(1))**
15. Any required test results shall be submitted to the Air Quality Division (AQD) in the format prescribed by the applicable reference test method within 60 days following the last date of the test. **(R 336.2001(4))**

Monitoring/Recordkeeping

16. Records of any periodic emission or parametric monitoring required in this ROP shall include the following information specified in Rule 213(3)(b)(i), where appropriate **(R 336.1213(3)(b))**:
 - a. The date, location, time, and method of sampling or measurements.
 - b. The dates the analyses of the samples were performed.
 - c. The company or entity that performed the analyses of the samples.
 - d. The analytical techniques or methods used.
 - e. The results of the analyses.
 - f. The related process operating conditions or parameters that existed at the time of sampling or measurement.
17. All required monitoring data, support information and all reports, including reports of all instances of deviation from permit requirements, shall be kept and furnished to the department upon request for a period of not less than 5 years from the date of the monitoring sample, measurement, report or application. Support information includes all calibration and maintenance records and all original strip-chart recordings, or other original data records, for continuous monitoring instrumentation and copies of all reports required by the ROP. **(R 336.1213(1)(e), R 336.1213(3)(b)(ii))**

Certification & Reporting

18. Except for the alternate certification schedule provided in Rule 213(3)(c)(iii)(B), any document required to be submitted to the department as a term or condition of this ROP shall contain an original certification by a responsible official which states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. **(R 336.1213(3)(c))**
19. A responsible official shall certify to the appropriate AQD District Office and to the USEPA that the stationary source is and has been in compliance with all terms and conditions contained in the ROP except for deviations that have been or are being reported to the appropriate AQD District Office pursuant to Rule 213(3)(c). This certification shall include all the information specified in Rule 213(4)(c)(i) through (v) and shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the certification are true, accurate, and complete. The USEPA address is: USEPA, Air Compliance Data - Michigan, Air and Radiation Division, 77 West Jackson Boulevard, Chicago, Illinois 60604. **(R 336.1213(4)(c))**
20. The certification of compliance shall be submitted annually for the term of this ROP as detailed in the special conditions, or more frequently if specified in an applicable requirement or in this ROP. **(R 336.1213(4)(c))**
21. The permittee shall promptly report any deviations from ROP requirements and certify the reports. The prompt reporting of deviations from ROP requirements is defined in Rule 213(3)(c)(ii) as follows, unless otherwise described in this ROP. **(R 336.1213(3)(c))**
 - a. For deviations that exceed the emissions allowed under the ROP, prompt reporting means reporting consistent with the requirements of Rule 912 as detailed in Condition 25. All reports submitted pursuant to this paragraph shall be promptly certified as specified in Rule 213(3)(c)(iii).
 - b. For deviations which exceed the emissions allowed under the ROP and which are not reported pursuant to Rule 912 due to the duration of the deviation, prompt reporting means the reporting of all deviations in the semiannual reports required by Rule 213(3)(c)(i). The report shall describe reasons for each deviation and the actions taken to minimize or correct each deviation.
 - c. For deviations that do not exceed the emissions allowed under the ROP, prompt reporting means the reporting of all deviations in the semiannual reports required by Rule 213(3)(c)(i). The report shall describe the reasons for each deviation and the actions taken to minimize or correct each deviation.

22. For reports required pursuant to Rule 213(3)(c)(ii), prompt certification of the reports is described in Rule 213(3)(c)(iii) as either of the following **(R 336.1213(3)(c))**:
 - a. Submitting a certification by a responsible official with each report which states that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
 - b. Submitting, within 30 days following the end of a calendar month during which one or more prompt reports of deviations from the emissions allowed under the ROP were submitted to the department pursuant to Rule 213(3)(c)(ii), a certification by a responsible official which states that, "based on information and belief formed after reasonable inquiry, the statements and information contained in each of the reports submitted during the previous month were true, accurate, and complete". The certification shall include a listing of the reports that are being certified. Any report submitted pursuant to Rule 213(3)(c)(ii) that will be certified on a monthly basis pursuant to this paragraph shall include a statement that certification of the report will be provided within 30 days following the end of the calendar month.
23. Semiannually for the term of the ROP as detailed in the special conditions, or more frequently if specified, the permittee shall submit certified reports of any required monitoring to the appropriate AQD District Office. All instances of deviations from ROP requirements during the reporting period shall be clearly identified in the reports. **(R 336.1213(3)(c)(i))**
24. On an annual basis, the permittee shall report the actual emissions, or the information necessary to determine the actual emissions, of each regulated air pollutant as defined in Rule 212(6) for each emission unit utilizing the emissions inventory forms provided by the department. **(R 336.1212(6))**
25. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the appropriate AQD District Office. The notice shall be provided not later than two business days after the start-up, shutdown, or discovery of the abnormal conditions or malfunction. Notice shall be by any reasonable means, including electronic, telephonic, or oral communication. Written reports, if required under Rule 912, must be submitted to the appropriate AQD District Supervisor within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal conditions or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5) and shall be certified by a responsible official in a manner consistent with the CAA. **(R 336.1912)**

Permit Shield

26. Compliance with the conditions of the ROP shall be considered compliance with any applicable requirements as of the date of ROP issuance, if either of the following provisions is satisfied. **(R 336.1213(6)(a)(i), R 336.1213(6)(a)(ii))**
 - a. The applicable requirements are included and are specifically identified in the ROP.
 - b. The permit includes a determination or concise summary of the determination by the department that other specifically identified requirements are not applicable to the stationary source.

Any requirements identified in Part E of this ROP have been identified as non-applicable to this ROP and are included in the permit shield.

27. Nothing in this ROP shall alter or affect any of the following:
 - a. The provisions of Section 303 of the CAA, emergency orders, including the authority of the USEPA under Section 303 of the CAA. **(R 336.1213(6)(b)(i))**
 - b. The liability of the owner or operator of this source for any violation of applicable requirements prior to or at the time of this ROP issuance. **(R 336.1213(6)(b)(ii))**
 - c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the CAA. **(R 336.1213(6)(b)(iii))**

- d. The ability of the USEPA to obtain information from a source pursuant to Section 114 of the CAA. **(R 336.1213(6)(b)(iv))**
28. The permit shield shall not apply to provisions incorporated into this ROP through procedures for any of the following:
- a. Operational flexibility changes made pursuant to Rule 215. **(R 336.1215(5))**
 - b. Administrative Amendments made pursuant to Rule 216(1)(a)(i)-(iv). **(R 336.1216(1)(b)(iii))**
 - c. Administrative Amendments made pursuant to Rule 216(1)(a)(v) until the amendment has been approved by the department. **(R 336.1216(1)(c)(iii))**
 - d. Minor Permit Modifications made pursuant to Rule 216(2). **(R 336.1216(2)(f))**
 - e. State-Only Modifications made pursuant to Rule 216(4) until the changes have been approved by the department. **(R 336.1216(4)(e))**
29. Expiration of this ROP results in the loss of the permit shield. If a timely and administratively complete application for renewal is submitted not more than 18 months, but not less than 6 months, before the expiration date of the ROP, but the department fails to take final action before the end of the ROP term, the existing ROP does not expire until the renewal is issued or denied, and the permit shield shall extend beyond the original ROP term until the department takes final action. **(R 336.1217(1)(c), R 336.1217(1)(a))**

Revisions

30. For changes to any process or process equipment covered by this ROP that do not require a revision of the ROP pursuant to Rule 216, the permittee must comply with Rule 215. **(R 336.1215, R 336.1216)**
31. A change in ownership or operational control of a stationary source covered by this ROP shall be made pursuant to Rule 216(1). **(R 336.1219(2))**
32. For revisions to this ROP, an administratively complete application shall be considered timely if it is received by the department in accordance with the time frames specified in Rule 216. **(R 336.1210(9))**
33. Pursuant to Rule 216(1)(b)(iii), Rule 216(2)(d) and Rule 216(4)(d), after a change has been made, and until the department takes final action, the permittee shall comply with both the applicable requirements governing the change and the ROP terms and conditions proposed in the application for the modification. During this time period, the permittee may choose to not comply with the existing ROP terms and conditions that the application seeks to change. However, if the permittee fails to comply with the ROP terms and conditions proposed in the application during this time period, the terms and conditions in the ROP are enforceable. **(R 336.1216(1)(c)(iii), R 336.1216(2)(d), R 336.1216(4)(d))**

Reopenings

34. A ROP shall be reopened by the department prior to the expiration date and revised by the department under any of the following circumstances:
- a. If additional requirements become applicable to this stationary source with three or more years remaining in the term of the ROP, but not if the effective date of the new applicable requirement is later than the ROP expiration date. **(R 336.1217(2)(a)(i))**
 - b. If additional requirements pursuant to Title IV of the CAA become applicable to this stationary source. **(R 336.1217(2)(a)(ii))**
 - c. If the department determines that the ROP contains a material mistake, information required by any applicable requirement was omitted, or inaccurate statements were made in establishing emission limits or the terms or conditions of the ROP. **(R 336.1217(2)(a)(iii))**
 - d. If the department determines that the ROP must be revised to ensure compliance with the applicable requirements. **(R 336.1217(2)(a)(iv))**

Renewals

35. For renewal of this ROP, an administratively complete application shall be considered timely if it is received by the department not more than 18 months, but not less than 6 months, before the expiration date of the ROP. **(R 336.1210(7))**

Stratospheric Ozone Protection

36. If the permittee is subject to Title 40 of the Code of Federal Regulations (CFR), Part 82 and services, maintains, or repairs appliances except for motor vehicle air conditioners (MVAC), or disposes of appliances containing refrigerant, including MVAC and small appliances, or if the permittee is a refrigerant reclaiming, appliance owner or a manufacturer of appliances or recycling and recovery equipment, the permittee shall comply with all applicable standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F.
37. If the permittee is subject to 40 CFR Part 82, and performs a service on motor (fleet) vehicles when this service involves refrigerant in the MVAC, the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed by the original equipment manufacturer. The term MVAC as used in Subpart B does not include the air-tight sealed refrigeration system used for refrigerated cargo or an air conditioning system on passenger buses using Hydrochlorofluorocarbon-22 refrigerant.

Risk Management Plan

38. If subject to Section 112(r) of the CAA and 40 CFR Part 68, the permittee shall register and submit to the USEPA the required data related to the risk management plan for reducing the probability of accidental releases of any regulated substances listed pursuant to Section 112(r)(3) of the CAA as amended in 40 CFR Part 68.130. The list of substances, threshold quantities, and accident prevention regulations promulgated under 40 CFR Part 68, do not limit in any way the general duty provisions under Section 112(r)(1).
39. If subject to Section 112(r) of the CAA and 40 CFR Part 68, the permittee shall comply with the requirements of 40 CFR Part 68, no later than the latest of the following dates as provided in 40 CFR Part 68.10(a):
- June 21, 1999,
 - Three years after the date on which a regulated substance is first listed under 40 CFR Part 68.130, or
 - The date on which a regulated substance is first present above a threshold quantity in a process.
40. If subject to Section 112(r) of the CAA and 40 CFR Part 68, the permittee shall submit any additional relevant information requested by any regulatory agency necessary to ensure compliance with the requirements of 40 CFR Part 68.
41. If subject to Section 112(r) of the CAA and 40 CFR Part 68, the permittee shall annually certify compliance with all applicable requirements of Section 112(r) as detailed in Rule 213(4)(c)). **(40 CFR Part 68)**

Emission Trading

42. Emission averaging and emission reduction credit trading are allowed pursuant to any applicable interstate or regional emission trading program that has been approved by the Administrator of the USEPA as a part of Michigan's State Implementation Plan. Such activities must comply with Rule 215 and Rule 216. **(R 336.1213(12))**

Permit To Install (PTI)

43. The process or process equipment included in this permit shall not be reconstructed, relocated, or modified unless a PTI authorizing such action is issued by the department, except to the extent such action is exempt from the PTI requirements by any applicable rule.² **(R 336.1201(1))**
44. The department may, after notice and opportunity for a hearing, revoke PTI terms or conditions if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of the PTI or is violating the department's rules or the CAA.² **(R 336.1201(8), Section 5510 of Act 451)**
45. The terms and conditions of a PTI shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by the PTI. If a new owner or operator submits a written request to the department pursuant to Rule 219 and the department approves the request, this PTI will be amended to reflect the change of ownership or operational control. The request must include all of the information required by Subrules (1)(a), (b) and (c) of Rule 219. The written request shall be sent to the appropriate AQD District Supervisor, MDEQ.² **(R 336.1219)**
46. If the installation, reconstruction, relocation, or modification of the equipment for which PTI terms and conditions have been approved has not commenced within 18 months, or has been interrupted for 18 months, the applicable terms and conditions from that PTI shall become void unless otherwise authorized by the department. Furthermore, the person to whom that PTI was issued, or the designated authorized agent, shall notify the department via the Supervisor, Permit Section, MDEQ, AQD, P. O. Box 30260, Lansing, Michigan 48909, if it is decided not to pursue the installation, reconstruction, relocation, or modification of the equipment allowed by the terms and conditions from that PTI.² **(R 336.1201(4))**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

B. SOURCE-WIDE CONDITIONS

Part B outlines the Source-Wide Terms and Conditions that apply to this stationary source. The permittee is subject to these special conditions for the stationary source in addition to the general conditions in Part A and any other terms and conditions contained in this ROP.

The permittee shall comply with all specific details in the special conditions and the underlying applicable requirements cited. If a specific condition type does not apply to this source, NA (not applicable) has been used in the table. If there are no Source-Wide Conditions, this section will be left blank.

C. EMISSION UNIT CONDITIONS

Part C outlines terms and conditions that are specific to individual emission units listed in the Emission Unit Summary Table. The permittee is subject to the special conditions for each emission unit in addition to the General Conditions in Part A and any other terms and conditions contained in this ROP.

The permittee shall comply with all specific details in the special conditions and the underlying applicable requirements cited. If a specific condition type does not apply, NA (not applicable) has been used in the table. If there are no conditions specific to individual emission units, this section will be left blank.

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Including Process Equipment & Control Device(s))	Installation Date/ Modification Date	Flexible Group ID
EUAUXBLR	Support equipment; a natural gas-fired auxiliary firetube boiler rated at 500 hp with No. 2 fuel oil back-up capabilities.	November 1991/NA	NA
EUACEMERGEN	Support equipment; a standby AC emergency generator rated at 760 hp. Compliance documentation for 40 CFR 63, Subpart ZZZZ exemption is effective May 3, 2013.	September 1995/NA	FGEMERENGINES
EUFLYASH	Flyash collection and handling, including the truck loading facility. Emissions are controlled by baghouses and enclosures.	November 1954/July 1988	NA
EUFUELHAND	The coal handling system for the power plant. Emissions are controlled through the use of wet dust suppression, fabric filter baghouses and enclosures.	November 1954/March 2010	NA
EUBOILER1	An 809 MMBtu/hr tangential natural gas-fired steam generating unit.	November 1954/October 1999	FGBOILERS1,2&3
EUBOILER2	An 809 MMBtu/hr tangential natural gas-fired steam generating unit.	November 1954/November 1998	FGBOILERS1,2&3
EUBOILER3	An 809 MMBtu/hr tangential natural gas-fired steam generating unit.	November 1954/October 1999	FGBOILERS1,2&3
EUBOILER4	A 1750 MMBtu/hr dry bottom tangential coal-fired boiler with natural gas-fired startup. Included are the associated natural gas startup guns and pilots, natural gas duct burners, and electrostatic precipitator.	November 1954/April 1988	FGBOILERS4&5
EUBOILER5	A 1750 MMBtu/hr dry bottom tangential coal-fired boiler with natural gas-fired startup. Included are the associated natural gas startup guns and pilots, natural gas duct burners, electrostatic precipitator, and low NOx burners.	November 1954/February 1999	FGBOILERS4&5

Emission Unit ID	Emission Unit Description (Including Process Equipment & Control Device(s))	Installation Date/ Modification Date	Flexible Group ID
EUDCEMERGEN	Support equipment; a standby DC emergency generator rated at 662 (> 500) hp. Compliance documentation for 40 CFR 63, Subpart ZZZZ exemption is effective May 3, 2013.	November 1954/NA	FGEMERENGINES
EUEMGFIREPUMP	Support equipment; a diesel fired emergency fire pump rated at 317 hp. Compliance documentation for 40 CFR 63, Subpart ZZZZ exemption is effective May 3, 2013.	September 2002/NA	FGEMERENGINES
EUPARTSCLEANERS	Multiple new, individual cleaning units that are subject to the same applicable requirements. The cleaning units are used in support of facility operations.	October 1, 1994/NA	FGPARTSCLEANERS

EUAUXBLR
EMISSION UNIT CONDITIONS

DESCRIPTION

Support equipment; a natural gas-fired auxiliary firetube boiler rated at 500 hp (20.3 MMBtu/hr) with No. 2 fuel oil back-up capabilities.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Sulfur dioxide (SO ₂)*	23.1 tons per year ²	12-month rolling time period, determined at the end of each calendar month	EUAUXBLR	SC VI.1 SC VI.2 (Sulfur content of fuel oil; see Appendix 3.1)	R 336.1201(3)
2. Nitrogen oxides (NO _x)	11.2 tons per year ²	12-month rolling time period, determined at the end of each calendar month	EUAUXBLR	SC VI.1 (Calculations based on fuel usage and current WebFIRE/AP-42 emission factors)	R 336.1201(3)

*The SO₂ emission limit applies at all times, including periods of startup, shutdown, and malfunction. **(40 CFR Part 60, Subpart Dc, Section 60.42c(i))**

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Fuel oil – sulfur content*	0.5% by weight ²	Instantaneous; at all times	EUAUXBLR	SC VI.2 (Sulfur content of fuel oil; see Appendix 3.1)	40 CFR Part 60, Subpart Dc, Section 60.42c(d)

*The fuel oil sulfur limit applies at all times, including periods of startup, shutdown, and malfunction. **(40 CFR Part 60, Subpart Dc, Section 60.42c(i))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall monitor and record the following parameters on a monthly basis:
 - a. fuel usage;
 - b. SO₂ and NO_x emissions summaries for the month; and
 - c. SO₂ and NO_x emissions summaries for the preceding 12-month rolling time period. **(R 336.1213(3))**
2. The permittee shall maintain documentation of the fuel sulfur content of the fuel combusted during the reporting period in accordance with Appendix 3.1. If fuel supplier certifications are used to demonstrate compliance, supplier certifications of fuel sulfur content shall be obtained for each shipment of fuel oil received. **(40 CFR Part 60, Subpart Dc, Section 48c(f); R 336.1213(3))**
3. The permittee shall conduct and maintain records of a daily non-certified visual observation for opacity in order to verify proper firing, whenever the boiler is in use and oil is being combusted for 24 consecutive hours or more. **(R 336.1213(3))**

See Appendices 3.1 and 3.2

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. Quarterly reporting of fuel oil sulfur pursuant to the requirements of Standards of Performance for New Sources. Report shall be dated by the 30th day of April, July, October, and January for the calendar quarter ending the preceding month. **(40 CFR Part 60, Subpart Dc, Section 60.48c; R 336.1213(3))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVAUXBLR	24 x 42 ²	124 ²	R 336.1201(3)

IX. OTHER REQUIREMENT(S)

1. The permittee shall otherwise comply with the applicable requirements of 40 CFR Part 60 (Standards of Performance for New Stationary Sources), Subparts A (General Provisions) and Dc (Standards of Performance for Small Industrial—Commercial-Institutional Steam Generating Units). **(40 CFR 60, Subparts A and Dc)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**EUFLYASH
 EMISSION UNIT CONDITIONS**

DESCRIPTION

Flyash collection and handling, including the truck loading facility. Emissions are controlled by three fabric filter baghouses (one filter separator dust collector associated with the collection system which vents to a wet venturi system, one silo bin vent dust collector, and one filter separator dust collector associated with fly ash truck loading) and enclosures. Only the fly ash silo and truck loading dust collectors are subject to CAM monitoring/recordkeeping and reporting.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

Three baghouses and process enclosures

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Particulate matter (PM)	0.10 pounds per 1,000 pounds exhaust gas (dry basis)	At all times, as verifiable through any requested stack testing	Each baghouse discharge point	SC V.1 SC VI.1 through SC VI.10 (CAM; Periodic checks of delta P and visible emissions)	R 336.1331(1)(a), Table 31(J)

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall operate the equipment for dry ash loading in accordance with the "B.C. Cobb Plant, System Operating Procedure 6-337" entitled "Dry Ash Loading." **(R 336.1213(3))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall assess opacity using 40 CFR 60, Appendix A, Method 9 - "Visual Determination of the Opacity of Emissions from Stationary Sources," upon the request of AQD. **(R 336.1213(3))**
2. The permittee shall assess particulate matter emissions using 40 CFR 60, Appendix A, Method 5 – "Determination of Particulate Emissions from Stationary Sources," or other acceptable test method(s), upon the request of AQD. **(R 336.1213(3))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall utilize visible emissions as the primary indicator of the proper functioning of each fabric filter baghouse. The appropriate range of visible emissions defining proper functioning of the fly ash silo and truck loading fabric filter baghouses is no visible emissions. **(40 CFR 64.6(c)(1)(i and ii))**
2. The permittee shall utilize differential pressure across the fabric filter baghouse as an indicator of the proper functioning of the baghouse. The appropriate range of differential pressure defining proper functioning of the fabric filter baghouse is 0.2 to 5 inches of water pressure. **(40 CFR 64.6(c)(1)(i and ii))**
3. The permittee shall conduct, and record the results of non-certified visual inspections for opacity. These inspections shall be performed during periods of equipment operation, on a daily basis. **(40 CFR 64.6(c)(1)(iii))**
4. The permittee shall monitor and record the differential pressure across the baghouse filters at least once per week. **(40 CFR 64.6(c)(1)(iii), R 336.1213(3))**
5. A reportable CAM excursion will occur if visible emissions are noted for a duration exceeding two continuous hours, or if a differential pressure reading is outside the defined range and visible emissions are observed for a duration exceeding two continuous hours from time of initial discovery. **(40 CFR 64.6(c)(2))**
6. The permittee shall conduct all required monitoring per the CAM Plan and otherwise satisfy the requirements specified in 40 CFR 64.7 through 40 CFR 64.9 **(40 CFR 64.6(c)(3), 40 CFR 64.7(a))**
7. The permittee shall properly maintain the monitoring systems, including maintaining necessary parts for routine repairs of the monitoring equipment. **(40 CFR 64.7(b))**
8. The required monitoring systems shall collect data for all required intervals when the emission unit is operating. **(40 CFR 64.7(c))**
9. The permittee shall restore operation of the emission unit, control device, and associated pollutant capture system equipment to normal/compliant operation as quickly as possible in response to any noted exceedance or excursion. **(40 CFR 64.7(d))**
10. The permittee shall promptly notify AQD for the need to modify the CAM Plan if it is found to be inadequate, and shall submit a modification to the CAM Plan and/or ROP if necessary. **(40 CFR 64.7(e))**

See Appendix 3.2

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**

3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. Emission test plans and schedules shall have prior approval of the AQD. A complete test protocol shall be submitted at least 30 days prior to the anticipated test date. A complete report of the test results shall be submitted within 60 days of test completion in accordance with AQD requirements. **(R 336.2001, R 336.2002, R 336.2004)**
5. Each semiannual report of monitoring and deviations shall include summary information on the number, duration, and cause of excursions/exceedances and the corrective actions taken. If there were no excursions/exceedances in the reporting period, then this report shall include a statement that there were no excursions/exceedances. **(40 CFR 64.9(a)(2)(i), R 336.1213(3)(c))**
6. Each semiannual report of monitoring and deviations shall include summary information on monitor downtime in the reporting period. If there were no periods of monitor downtime in the reporting period, then this report shall include a statement that there were no periods of monitor downtime. **(40 CFR 64.9(a)(2)(ii), R 336.1213(3)(c))**
7. Each semiannual report of monitoring and deviations shall include a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period, if appropriate. If a QIP has been completed, the report shall include documentation that the plan has been implemented and if it has reduced the likelihood of excursions or exceedances. **(40 CFR 64.9(a)(2)(iii))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVFATRUCKLD*	NA	NA	NA
2. SVFASILOVENT*	NA	NA	NA

*Note, each of these vents horizontally.

IX. OTHER REQUIREMENT(S)

NA

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**EUFUELHAND
 EMISSION UNIT CONDITIONS**

DESCRIPTION

The coal handling system for the power plant. Emissions are controlled through the use of wet dust suppression, enclosures, and four fabric filter baghouses, including two bunker fabric filter dust collectors, one breaker house fabric filter dust collector, and one fabric filter dust collector associated with the plant belt in the bunker room.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

Dust suppression, four fabric filter dust collectors, and process enclosures.

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Particulate matter (PM)	0.10 pounds per 1,000 pounds exhaust gas (dry basis)	At all times, as verifiable through any requested stack testing	Each discharge point	SC V.1 SC V.2 SC VI.1 through SC VI.10 (CAM; Periodic checks of delta P and for visible emissions)	R 336.1331(1)(a), Table 31(J)

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate the dust collection system unless it is installed and operating properly. (R 336.1910)

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall assess opacity using 40 CFR 60, Appendix A, Method 9 - "Visual Determination of the Opacity of Emissions from Stationary Sources," upon the request of the AQD. **(R 336.1213(3))**
2. The permittee shall assess particulate matter emissions using 40 CFR 60, Appendix A, Method 5 – "Determination of Particulate Emissions from Stationary Sources," or other acceptable test method(s), upon the request of the AQD. **(R 336.1213(3))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall utilize visible emissions as the primary indicator of the proper functioning of the EUFUELHAND dust collectors. The appropriate range of visible emissions defining proper functioning of the dust collectors is no visible emissions. NOTE: The Breaker House dust collector has pre-control Potential-to-Emit (PTE) for PM10 in excess of 100 tons per year (tpy) and so is subject to Compliance Assurance Monitoring (CAM; 40 CFR 64.) The same monitoring and recording strategies are adopted for the Bunker House and Plant Belt dust collectors pursuant to Rule 213(3). These dust collectors have PTE of less than 100 tpy and so are not CAM-subject. Only the Breaker House dust collector is subject to CAM monitoring/recordkeeping and reporting. **(40 CFR 64.6(c)(1)(i and ii), R 336.1213(3))**
2. The permittee shall conduct, and record the results of non-certified visual inspections for opacity; these inspections shall be performed during periods of equipment operation, on a daily basis. **(40 CFR 64.6(c)(1)(iii), R 336.1213(3))**
3. The permittee shall continuously monitor and record the EUFUELHAND dust collectors dust detector alarms as an indication of performance status. If an alarm is active, an investigation and corrective action(s) will be taken to return the unit to proper operation. **(40 CFR 64.6(c)(1), R 336.1213(3))**
4. A reportable CAM excursion will occur if visible emissions are noted for a duration exceeding two continuous hours; or if a dust detector alarm is active and visible emissions are observed for a duration exceeding two continuous hours. **(40 CFR 64.6(c)(2))**
5. The permittee shall conduct all required monitoring per the CAM Plan and otherwise satisfy the requirements specified in 40 CFR 64.7 through 40 CFR 64.9. **(40 CFR 64.6(c)(3), 40 CFR 64.7(a))**
6. The permittee shall properly maintain the monitoring systems, including maintaining necessary parts for routine repairs of the monitoring equipment. **(40 CFR 64.7(b), R 336.1213(3))**
7. The required monitoring systems shall collect data for all required intervals when the emission unit is operating. **(40 CFR 64.7(c), R 336.1213(3))**
8. The permittee shall restore operation of the emission unit, control device, and associated pollutant capture system equipment to normal/compliant operation as quickly as possible in response to any noted exceedance or excursion. **(40 CFR 64.7(d), R 336.1213(3))**
9. The permittee shall promptly notify AQD for the need to modify the CAM Plan if it is found to be inadequate, and shall submit a modification to the CAM Plan and/or ROP if necessary. **(40 CFR 64.7(e))**

See Appendix 3.2

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. Emissions test plans and schedules shall have prior approval of the AQD. A complete test protocol shall be submitted at least 30 days prior to the anticipated test date. A complete report of the test results shall be submitted within 60 days of test completion in accordance with AQD requirements. **(R 336.2001, R 336.2002, R 336.2004)**
5. Each semiannual report of monitoring and deviations shall include summary information on the number, duration, and cause of excursions/exceedances and the corrective actions taken. If there were no excursions/exceedances in the reporting period, then this report shall include a statement that there were no excursions/exceedances. **(40 CFR 64.9(a)(2)(i), R 336.1213(3)(c))**
6. Each semiannual report of monitoring and deviations shall include summary information on monitor downtime in the reporting period. If there were no periods of monitor downtime in the reporting period, then this report shall include a statement that there were no periods of monitor downtime. **(40 CFR 64.9(a)(2)(ii), R 336.1213(3)(c))**
7. Each semiannual report of monitoring and deviations shall include a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period, if appropriate. If a QIP has been completed, the report shall include documentation that the plan has been implemented and if it has reduced the likelihood of excursions or exceedances. **(40 CFR 64.9(a)(2)(iii))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVBREAKER*	NA	NA	NA
2. SVPLANTBELT*	NA	NA	NA
3. SVBUNKERS*	NA	NA	NA

*Note, each of these vents horizontally.

IX. OTHER REQUIREMENT(S)

NA

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

EUBOILER4
EMISSION UNIT CONDITIONS

DESCRIPTION

A 1750 MMBtu/hr dry bottom tangential coal-fired boiler with natural gas-fired startup. Included are the associated natural gas startup guns and pilots, natural gas duct burners and electrostatic precipitator.

Flexible Group ID: FGBOILERS4&5

POLLUTION CONTROL EQUIPMENT

Electrostatic precipitator

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Particulate matter (PM)	0.18 pound per 1,000 pounds exhaust gas, corrected to 50% excess air ²	At all times, as verifiable through required stack testing	EUBOILER4	SC V.1 - 3 (Stack test)	R 336.1331(1)(c)
2. Sulfur dioxide (SO ₂)*	1.67 pounds per million Btu heat input ²	Average of all operating hours in a calendar month	EUBOILER4	SC VI.1 (Continuous Emissions Monitoring System (CEMS); see Appendix 3.3)	R 336.1401(3), Table 41

*The SO₂ limit is equivalent to 1.0% sulfur by weight, at an average heat content of 12,000 Btu/lb.

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. Once every three years, or more frequently upon request of the AQD, the permittee shall verify the PM emission rate from EUBOILER4 by testing, utilizing 40 CFR 60, Appendix A; Reference Method 17 (Determination of Particulate Emissions from Stationary Sources (In-stack Filtration Method)); or other acceptable test method(s), at permittee's expense, and in accordance with Department requirements. Verification of emission rates includes the submittal of a complete report of the test results within 60 days of test completion. **(R 336.1213(3), R 336.2001, R 336.2003, R 336.2004)**
2. The permittee shall submit a complete test protocol to the AQD for approval at least 30 days prior to the anticipated test date. **(R 336.1213(3))**
3. The permittee shall notify the AQD no less than 7 days prior to the anticipated test date. **(R 336.2001(3))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. For the purposes of demonstrating compliance with the SO₂ limit above, the permittee shall monitor SO₂ emissions using a Continuous Emissions Monitoring System (CEMS), as installed, maintained, and operated in accordance with the provisions of **40 CFR Part 75**.

See Appendix 3.3

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. Quarterly reporting of monthly excess sulfur dioxide emissions (including the nature and cause of the periods of excess emissions), and of the dates and times of the monitoring systems being inoperative. Each quarterly report is due within 30 days of the calendar quarter reporting period. **(R 336.2170)**
5. The permittee shall submit a complete test report of the test results to the AQD within 60 days following the last date of the test. **(R 336.2001(4))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVBOILERS	250 ²	650 ²	R 336.1201(3)

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with the acid rain permitting provisions of 40 CFR Part 72.1 to 72.94, as outlined in a complete Phase II, Acid Rain Permit issued by the AQD. Phase II, Acid Rain Permit No. MI-AR-1695-2011 is hereby incorporated into this ROP as **Appendix 9. (R 336.1299(d))**
2. The permittee shall not allow the emission of an air pollutant to exceed the amount of any emission allowances that an affected source lawfully holds as of the allowance transfer deadline pursuant to R 336.1299(d) and 40 CFR Part 72.9(c)(1)(i). **(R 336.1213(10))**
3. The permittee shall comply with the CAIR SO₂ Trading Program provisions of 40 CFR Part 97.201 through 97.288, as adopted and modified by R 336.1420, and as outlined in any complete CAIR SO₂ permit issued by the AQD. CAIR SO₂ Permit No. MI-SO₂-1695-2011 is hereby incorporated into this ROP as **Appendix 10. (R 336.1420)**
4. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total SO₂ emissions for the control period from the source pursuant to 40 CFR Part 97.254. **(40 CFR Part 97.254)**
5. The permittee shall comply with the CAIR NO_x Annual Trading Program provisions of 40 CFR Part 97.101 through 97.188, as adopted and modified by R 336.1802a, 336.1803, 336.1821, and 336.1830 through 336.1834, and as outlined in any complete CAIR NO_x Annual permit issued by the AQD. CAIR NO_x Annual Permit No. MI-NOA-1695-2011 is hereby incorporated into this ROP as **Appendix 11. (R 336.1821)**
6. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total NO_x emissions for the control period from the source pursuant to 40 CFR Part 97.154. **(40 CFR Part 97.154)**
7. The permittee shall comply with the CAIR NO_x Ozone Trading Program provisions of 40 CFR Part 97.301 through 97.388, as adopted and modified by R 336.1802a, 336.1803, and 336.1821 through 336.1826, and as outlined in any complete CAIR NO_x Ozone permit issued by the AQD. CAIR NO_x Ozone Permit No. MI-NOO-1695-2011 is hereby incorporated into this ROP as **Appendix 12. (R 336.1821)**
8. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total NO_x emissions for the control period from the source pursuant to 40 CFR Part 97.354. **(40 CFR Part 97.354)**
9. By June 20, 2012, the mercury designated representative of any affected Electric Generating Unit (EGU) shall submit to the department, an administratively complete permit application covering each affected EGU. **(R 336.2512(1)(a)(i))**
10. Effective January 1, 2015, an affected existing EGU shall meet the requirements of Part 15 **EMISSION LIMITATIONS AND PROHIBITIONS—MERCURY. (R 336.2503(1))**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**EUBOILER5
 EMISSION UNIT CONDITIONS**

DESCRIPTION

A 1750 MMBtu/hr dry bottom tangential coal-fired boiler with natural gas-fired startup. Included are the associated natural gas startup guns and pilots, natural gas duct burners, electrostatic precipitator, and low-NOx burners.

Flexible Group ID: FGBOILERS4&5

POLLUTION CONTROL EQUIPMENT

Electrostatic precipitator, low-NOx burners

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Particulate matter (PM)	0.18 pound per 1,000 pounds exhaust gas, corrected to 50% excess air ²	At all times, as verifiable through required stack testing	EUBOILER5	SC V.1-3 (Stack test)	R 336.1331(1)(c)
2. Sulfur dioxide (SO ₂)*	1.67 pounds per million Btu heat input ²	Average of all operating hours in a calendar month	EUBOILER5	SC VI.1 (Continuous Emissions Monitoring System (CEMS); see Appendix 3.3)	R 336.1401(3), Table 41

*The SO₂ limit is equivalent to 1.0% sulfur by weight, at an average heat content of 12,000 Btu/lb.

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate EUBOILER5 unless the low-NOx combustion system is installed and operating properly.² (**R 336.1201(3)**)

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. Once every three years, or more frequently upon request of the AQD, the permittee shall verify the PM emission rate from EUBOILER5 by testing, utilizing 40 CFR 60, Appendix A; Reference Method 17 (Determination of Particulate Emissions from Stationary Sources (In-stack Filtration Method)); or other acceptable test method(s), at permittee's expense, and in accordance with Department requirements. Verification of emission rates includes the submittal of a complete report of the test results within 60 days of test completion. **(R 336.1213(3), R 336.2001, R 336.2003, R 336.2004)**
2. The permittee shall submit a complete test protocol to the AQD for approval at least 30 days prior to the anticipated test date. **(R 336.1213(3))**
3. The permittee shall notify the AQD no less than 7 days prior to the anticipated test date. **(R 336.2001(3))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. For the purposes of demonstrating compliance with the SO₂ limit above, the permittee shall monitor SO₂ emissions using a Continuous Emissions Monitoring System (CEMS), as installed, maintained, and operated in accordance with the provisions of **40 CFR Part 75**.

See Appendix 3.3

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. Quarterly reporting of monthly excess sulfur dioxide emissions (including the nature and cause of the periods of excess emissions), and of the dates and times of the monitoring systems being inoperative. Each quarterly report is due within 30 days of the calendar quarter reporting period. **(R 336.2170)**
5. The permittee shall submit a complete test report of the test results to the AQD within 60 days following the last date of the test. **(R 336.2001(4))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVBOILERS	250 ²	650 ²	R 336.1201(3)

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with the acid rain permitting provisions of 40 CFR Part 72.1 to 72.94, as outlined in a complete Phase II, Acid Rain Permit issued by the AQD. Phase II, Acid Rain Permit No. MI-AR-1695-2011 is hereby incorporated into this ROP as **Appendix 9. (R 336.1299(d))**
2. The permittee shall not allow the emission of an air pollutant to exceed the amount of any emission allowances that an affected source lawfully holds as of the allowance transfer deadline pursuant to R 336.1299(d) and 40 CFR Part 72.9(c)(1)(i). **(R 336.1213(10))**
3. The permittee shall comply with the CAIR SO₂ Trading Program provisions of 40 CFR Part 97.201 through 97.288, as adopted and modified by R 336.1420, and as outlined in any complete CAIR SO₂ permit issued by the AQD. CAIR SO₂ Permit No. MI-SO₂-1695-2011 is hereby incorporated into this ROP as **Appendix 10. (R 336.1420)**
4. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total SO₂ emissions for the control period from the source pursuant to 40 CFR Part 97.254. **(40 CFR Part 97.254)**
5. The permittee shall comply with the CAIR NO_x Annual Trading Program provisions of 40 CFR Part 97.101 through 97.188, as adopted and modified by R 336.1802a, 336.1803, 336.1821, and 336.1830 through 336.1834, and as outlined in any complete CAIR NO_x Annual permit issued by the AQD. CAIR NO_x Annual Permit No. MI-NOA-1695-2011 is hereby incorporated into this ROP as **Appendix 11. (R 336.1821)**
6. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total NO_x emissions for the control period from the source pursuant to 40 CFR Part 97.154. **(40 CFR Part 97.154)**
7. The permittee shall comply with the CAIR NO_x Ozone Trading Program provisions of 40 CFR Part 97.301 through 97.388, as adopted and modified by R 336.1802a, 336.1803, and 336.1821 through 336.1826, and as outlined in any complete CAIR NO_x Ozone permit issued by the AQD. CAIR NO_x Ozone Permit No. MI-NOO-1695-2011 is hereby incorporated into this ROP as **Appendix 12. (R 336.1821)**
8. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total NO_x emissions for the control period from the source pursuant to 40 CFR Part 97.354. **(40 CFR Part 97.354)**
9. By June 20, 2012, the mercury designated representative of any affected Electric Generating Unit (EGU) shall submit to the department, an administratively complete permit application covering each affected EGU. **(R 336.2512(1)(a)(i))**
10. Effective January 1, 2015, an affected existing EGU shall meet the requirements of Part 15 **EMISSION LIMITATIONS AND PROHIBITIONS—MERCURY. (R 336.2503(1))**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

D. FLEXIBLE GROUP CONDITIONS

Part D outlines the terms and conditions that apply to more than one emission unit. The permittee is subject to the special conditions for each flexible group in addition to the General Conditions in Part A and any other terms and conditions contained in this ROP.

The permittee shall comply with all specific details in the special conditions and the underlying applicable requirements cited. If a specific condition type does not apply, NA (not applicable) has been used in the table. If there are no special conditions that apply to more than one emission unit, this section will be left blank.

FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FGBOILERS1,2&3	Boilers 1, 2, and 3 have identical requirements.	EUBOILER1 EUBOILER2 EUBOILER3
FGBOILERS4&5	Boilers 4 and 5 share common requirements.	EUBOILER4 EUBOILER5
FGEMERENGINES	Engines used as a source of emergency power that are subject to the RICE MACT with varying requirements	EUACEMERGEN EUDCEMERGEN EUEMGFIREPUMP
FGPARTSCLEANERS	Multiple new, individual cleaning units that are subject to the same applicable requirements.	EUPARTSCLEANERS
FGRULE290	Any future emission unit that emits air contaminants and is exempt from the requirements of Rule 201 pursuant to Rules 278 and 290.	NA

FGBOILERS1,2&3
FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Three identical 809 MMBtu/hr tangential natural gas-fired steam generating units. In accordance with 40 CFR 75.61(7), FGBOILERS1,2&3 have been placed in Long Term Cold Storage (LTCS). This operational status will remain in effect until April 1, 2012, or until further notice.

Emission Units: EUBOILER1, EUBOILER2, EUBOILER3

POLLUTION CONTROL EQUIPMENT

Each boiler is equipped with low-NOx burners and close-coupled overfire air.

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Nitrogen oxides (NOx)	0.10 pound per MMBtu ²	Based on the average of all operating hours in a calendar day, including periods of startup and shutdown	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.1-3 SC VI.7 (Continuous emissions monitoring system (CEMS))	40 CFR 52.21(j)
2. NOx	0.20 pound per MMBtu	Based on all operating hours in a calendar day, averaged over 30 boiler operating days (defined per 60.41Da), excluding periods of startup and shutdown	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.1-3 SC VI.7 (Continuous emissions monitoring system (CEMS))	40 CFR 60.44Da(a)(1) 40 CFR 60.48Da(g)(1)
3. NOx	80.9 pounds per hour ²	Based on the average of all operating hours in a calendar day, including periods of startup and shutdown	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.1-3 (CEMS; using Part 75 NOx mass emission provisions)	40 CFR 52.21(j)
4. NOx	72.8 tons per year ²	12-month rolling time period, determined at the end of each calendar month, including periods of startup, shutdown, and malfunction	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.1-3 (CEMS)	40 CFR 52.21(j)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
5. Carbon monoxide (CO)	0.10 pound per MMBtu ²	Based on the average of all operating hours in a calendar day, including periods of startup and shutdown	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.3 SC VI.4 (Stack test; records of heat input)	40 CFR 52.21(j)
6. CO	80.9 pounds per hour ²	Based on the average of all operating hours in a calendar day, including periods of startup and shutdown	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.3 SC VI.4 (Continuous monitoring of heat input and results of stack test)	40 CFR 52.21(j)
7. CO	72.8 tons per year ²	12-month rolling time period, determined at the end of each calendar month, including periods of startup, shutdown, and malfunction	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.3 SC VI.4 (Continuous monitoring of heat input and results of stack test)	40 CFR 52.21(j)
8. Particulate matter less than 10 microns in diameter (PM-10)	0.03 pound per MMBtu ²	At all times, as verifiable through required stack testing	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.3 SC VI.5 SC VI.6 (Stack test)	40 CFR 52.21(j) 40 CFR 60, Subpart Da
9. PM-10	21.8 tons per year ²	12-month rolling time period, determined at the end of each calendar month	EUBOILER1 EUBOILER2 EUBOILER3 (The limit is applicable to each individual boiler.)	SC VI.3 SC VI.5 SC VI.6 (Continuous monitoring of heat input and results of stack test)	40 CFR 52.21(j)

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall only burn pipeline quality natural gas in FGBOILERS1,2&3.² **(40 CFR 52.21; 40 CFR 60, Subpart A; 40 CFR 60.49Da(b))**
2. The permittee shall not operate FGBOILERS1,2&3 unless all the provisions of the federal Prevention of Significant Deterioration regulations (40 CFR 52.21) are met. This permit is issued pursuant to the determination that FGBOILERS1,2&3 can comply with all of the requirements under these regulations.² **(40 CFR 52.21)**
3. The permittee shall comply with all provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60, Subparts A and Da, as they apply to FGBOILERS1,2&3.² **(40 CFR Part 60, Subparts A and Da)**
4. The permittee shall implement an approvable plan ("Emission Minimization Plan" dated March 10, 2000, as amended) that describes how emissions will be minimized during startup(s), shutdown(s) and malfunction(s). The plan must incorporate procedures recommended by the equipment manufacturer as well as incorporating standard industry practices.² **(40 CFR 52.21, R 336.1911)**
5. Whenever an affected unit that has been placed into long-term cold storage is expected to resume operation, the permittee shall provide written notification 45 calendar days prior to the planned date of recommencement of commercial operation. If the actual date of recommencement of commercial operation differs from the expected date, written notice of the actual date shall be submitted no later than seven days following the actual date of recommencement of commercial operation. **(40 CFR 75.61(7)(ii))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall not operate FGBOILERS1,2&3 without the low-NOx burners and close-coupled overfire air.² **(40 CFR 52.21)**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall monitor compliance with the NOx emission limits based on measurements obtained by a certified CEMS installed on each boiler.² **(40 CFR 52.21(j), R 336.1813)**
2. The permittee shall maintain a record of all operating hours in a calendar day, and hourly, daily, and 12-month period NOx emissions.² **(40 CFR 52.21(j))**
3. The permittee shall continuously monitor the heat input rate into each boiler according to the procedures in Appendix D to 40 CFR 75.² **(40 CFR 52.21(j), 40 CFR 60.49Da(n))**
4. The permittee shall calculate the average daily CO emission rate based on the monitored heat input and multiplying by an emission factor of 0.10 pound per million BTUs (or a compliant emission factor developed through an appropriate stack test.) Following the end of each month, the permittee shall determine the actual monthly CO emissions by multiplying the monitored heat input by an emission factor of 0.10 pound per million BTUs (or a compliant emission factor developed through an appropriate stack test.) The 12-month rolling time period CO emissions shall be calculated by adding the previous 12 months of calculated emissions.² **(40 CFR 52.21(j))**

5. The permittee shall calculate the average daily PM-10 emission rate based on the monitored heat input and multiplying by an emission factor of 0.03 pound per million BTUs (or a compliant emission factor developed through an appropriate stack test.) Following the end of each month, the permittee shall determine the actual monthly PM-10 emissions by multiplying the monitored heat input by an emission factor of 0.03 pound per million BTUs (or a compliant emission factor developed through an appropriate stack test.) The 12-month rolling time period PM-10 emissions shall be calculated by adding the previous 12 months of calculated emissions.² **(40 CFR 52.21(j))**
6. The permittee shall monitor and record emissions and operating information as required to comply with the Federal Standards of Performance for New Stationary Sources as specified in **40 CFR Part 60, Subparts A and Da**.
7. For the purposes of demonstrating compliance with Special Condition I.1, calculation of NO_x lb/MMBtu during periods of low hourly average CO₂ concentration (<5.0%) shall be as described in 40 CFR Part 75, Appendix F, Section 3.3. As such, the permittee may substitute 5.0% CO₂ in the calculation (Formula F-6, 40 CFR Part 75, Appendix F, Section 3.2) of NO_x lb/MMBtu during periods of low CO₂ concentrations. **(R 336.1213(3)(a)(iii))**

See Appendix 3.4

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. In accordance with 40 CFR Parts 60.7(c) and (d) an excess emissions report (EER) and summary report shall be submitted in an acceptable format to the District Supervisor within 30 days following the end of each calendar quarter for NO_x CEMS equipment. The EER shall include each occurrence of all excess emissions and the magnitude of the emissions, the cause of the excess emissions, if known, periods of monitoring system downtime, any corrective action taken and the total operating time of the source(s). If no excess emissions or monitoring system downtime occurred during the reporting period, the permittee shall report that fact. **(40 CFR 60.7, R 336.1213(3))**
5. In accordance with 40 CFR Part 60.51Da, NO_x emissions shall be submitted to the District Supervisor within 30 days following the end of each six-month period. **(40 CFR 60.51Da(j))**
6. Conditions VII.4 & VII.5 are waived during periods of Long Term Cold Storage but shall resume with the quarter following recommencement of commercial operation **(R 336.1213(3))**.

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVBOILERS	250 ²	650 ²	40 CFR 52.21

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with the acid rain permitting provisions of 40 CFR Part 72.1 to 72.94, as outlined in a complete Phase II, Acid Rain Permit issued by the AQD. Phase II, Acid Rain Permit No. MI-AR-1695-2011 is hereby incorporated into this ROP as **Appendix 9. (R 336.1299(d))**
2. The permittee shall not allow the emission of an air pollutant to exceed the amount of any emission allowances that an affected source lawfully holds as of the allowance transfer deadline pursuant to R 336.1299(d) and 40 CFR Part 72.9(c)(1)(i). **(R 336.1213(10))**
3. The permittee shall comply with the CAIR SO₂ Trading Program provisions of 40 CFR Part 97.201 through 97.288, as adopted and modified by R 336.1420, and as outlined in any complete CAIR SO₂ permit issued by the AQD. CAIR SO₂ Permit No. MI-SO₂-1695-2011 is hereby incorporated into this ROP as **Appendix 10. (R 336.1420)**
4. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total SO₂ emissions for the control period from the source pursuant to 40 CFR Part 97.254. **(40 CFR Part 97.254)**
5. The permittee shall comply with the CAIR NO_x Annual Trading Program provisions of 40 CFR Part 97.101 through 97.188, as adopted and modified by R 336.1802a, 336.1803, 336.1821, and 336.1830 through 336.1834, and as outlined in any complete CAIR NO_x Annual permit issued by the AQD. CAIR NO_x Annual Permit No. MI-NOA-1695-2011 is hereby incorporated into this ROP as **Appendix 11. (R 336.1821)**
6. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total NO_x emissions for the control period from the source pursuant to 40 CFR Part 97.154. **(40 CFR Part 97.154)**
7. The permittee shall comply with the CAIR NO_x Ozone Trading Program provisions of 40 CFR Part 97.301 through 97.388, as adopted and modified by R 336.1802a, 336.1803, and 336.1821 through 336.1826, and as outlined in any complete CAIR NO_x Ozone permit issued by the AQD. CAIR NO_x Ozone Permit No. MI-NOO-1695-2011 is hereby incorporated into this ROP as **Appendix 12. (R 336.1821)**
8. The permittee shall hold allowances for compliance deductions in the source's compliance account as of the allowance transfer deadline in an amount not less than the total NO_x emissions for the control period from the source pursuant to 40 CFR Part 97.354. **(40 CFR Part 97.354)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**FGBOILERS4&5
 FLEXIBLE GROUP CONDITIONS**

DESCRIPTION

The coal-fired units share certain applicable requirements.

Emission Units: EUBOILER4, EUBOILER5

POLLUTION CONTROL EQUIPMENT

Electrostatic precipitators; EUBOILER5 is equipped with low-NOx burners

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

See EUBOILER4 and EUBOILER5.

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Ethylene-diamine-tetracetic acid (EDTA) and/or citrosolve	120 gallons per minute ²	Instantaneous	EUBOILER4 EUBOILER5 (The limit is applicable to each individual boiler.)	SC VI.3	R 336.1201(3)

See EUBOILER4 and EUBOILER5.

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate the boilers unless the provisions of Rule 330 are met for each electrostatic precipitator (ESP) and the ESPs are installed and operating properly, in accordance with safe operating practices. The permittee shall not switch to coal firing until the ESPs are in operation, in accordance with safe operating practices.² (R 336.1301, R 336.1330, R 336.1331, R 336.1910)
2. The permittee shall not fire any fuel except coal or natural gas, or burn any material other than freeze conditioning agents, dust suppression agents, EDTA or citrosolve in the units, except in accordance with Rule 285.² (R 336.1201(3))

3. The permittee shall not burn EDTA or citrosolve in a boiler unless the boiler and electrostatic precipitator are operating properly. **(R 336.1910)**
4. The permittee shall not burn EDTA or citrosolve from sources other than B.C. Cobb.² **(R 336.1201(3))**
5. The permittee shall notify the AQD when EDTA or citrosolve will be burned, at least 10 days prior to the actual burning.² **(R 336.1201(3))**
6. The permittee shall not burn EDTA or citrosolve in more than one boiler at the same time.² **(R 336.1201(3))**
7. The permittee shall not operate the boilers unless a program describing preventative maintenance ("Precipitator Operation and Preventative Maintenance Plan") for each electrostatic precipitator is maintained. **(R 336.1213(2))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

See EUBOILER4 and EUBOILER5.

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall monitor stack gas flow rate, SO₂, CO₂, and NO_x emissions using CEMS, as installed, maintained, and operated in accordance with the provisions of **40 CFR Part 75**.
2. The permittee shall monitor and record the opacity from each boiler using a Continuous Opacity Monitoring System (COMS), installed in accordance with **40 CFR Part 60, Appendix B**, and operated and maintained in accordance with **40 CFR 60, Subpart A and 40 CFR Part 75**. **(R 336.2101)**
3. The permittee shall monitor and record the amount of EDTA or citrosolve combusted through each boiler. **(R 336.1213(3))**
4. For each precipitator, the permittee shall monitor and record the parameters included in the facility's "Precipitator Operation and Preventative Maintenance Plan." **(R 336.1213(3))**
5. The permittee shall utilize COMS-recorded opacity as an indicator of the emission units' compliance with the particulate matter limit, except during periods of monitoring and system malfunction, system repairs, or QA/QC activities. An excursion is defined as any two or more consecutive 1-hour block average opacity values greater than 20%. **(40 CFR 64.6(c)(1)(i and ii), 40 CFR 64.6(c)(2))**
6. The permittee shall properly maintain the COMS, including completing daily zero and calibration tests; conducting necessary preventative maintenance; maintaining necessary parts for routine repairs of the monitoring equipment; and demonstrating adequate performance through an annual monitor audit. **(40 CFR 64.6(c)(1)(iii), 40 CFR 64.7(b))**
7. The permittee shall operate the COMS and collect data for all required intervals when the emission unit is operating. The permittee shall conduct all required monitoring per the CAM Plan and otherwise satisfy the requirements specified in 40 CFR 64.7 through 40 CFR 64.9. Data recorded during monitoring malfunctions, repair activities and QA/QC operations shall not be used for 40 CFR 64 compliance. **(40 CFR 64.6(c)(1)(iii), 40 CFR 64.6(c)(3), 40 CFR 64.7(a), (40 CFR 64.7(c))**

8. The permittee shall restore operation of the emission unit, control device, and associated pollutant capture system equipment to normal/compliant operation as quickly as possible in response to any noted exceedance or excursion. Excursions trigger an internal investigation, corrective action(s) and a CAM excursion summary reporting requirement. **(40 CFR 64.7(d))**
9. The permittee shall promptly notify the AQD for the need to modify the CAM Plan if it is found to be inadequate, and shall submit a modification to the CAM Plan and/or ROP if necessary. **(40 CFR 64.7(e))**

See Appendices 3.3, 3.4, 3.5, and 3.6

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. Quarterly reporting of excess opacity emissions (including the nature and cause of the periods of excess emissions), and of the dates and times of the monitoring systems being inoperative. Each quarterly report is due within 30 days of the calendar quarter reporting period. **(R 336.2170)**
5. Each semiannual report of monitoring and deviations shall include summary information on the number, duration, and cause of excursions/exceedances and the corrective actions taken. If there were no excursions/exceedances in the reporting period, then this report shall include a statement that there were no excursions/exceedances. **(40 CFR 64.9(a)(2)(i), R 336.1213(3)(c))**
6. Each semiannual report of monitoring and deviations shall include summary information on monitor downtime in the reporting period. If there were no periods of monitor downtime in the reporting period, then this report shall include a statement that there were no periods of monitor downtime. **(40 CFR 64.9(a)(2)(ii), R 336.1213(3)(c))**
7. Each semiannual report of monitoring and deviations shall include a description of the actions taken to implement a Quality Improvement Plan (QIP) during the reporting period, if appropriate. If a QIP has been completed, the report shall include documentation that the plan has been implemented and if it has reduced the likelihood of excursions or exceedances. **(40 CFR 64.9(a)(2)(iii))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVBOILERS	250 ²	650 ²	R 336.1201(3)

IX. OTHER REQUIREMENT(S)

NA

See EUBOILER4 and EUBOILER5.

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

**FGEMERGINES
 FLEXIBLE GROUP CONDITIONS**

DESCRIPTION

Three existing stationary diesel-fired reciprocating internal combustion engines (760 hp, 662 hp, and 317 hp) used for emergency electrical generation subject to 40 CFR 63, Subpart ZZZZ (National Emission Standard for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (RICE)). Existing emergency stationary Compression Ignition (CI) RICE > 500 horsepower (EUACEMERGEN and EUDCEMERGEN) located at Major Sources of HAP do not have to meet the requirements of this subpart and Subpart A including initial notification, however must keep compliance documentation in accordance with Subpart ZZZZ starting May 3, 2013. Existing emergency stationary CI RICE <500 hp (EUEMGFIREPUMP) located at Major Sources of HAP must comply with Subpart ZZZZ starting May 3, 2013.

Emission Units: EUACEMERGEN, EUDCEMERGEN, EUEMGFIREPUMP

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
NA	NA	NA	NA	NA	NA

II. MATERIAL LIMIT(S)

Material	Limit	Time Period/ Operating Scenario	Equipment	Monitoring/ Testing Method	Underlying Applicable Requirements
1. Fuel oil – sulfur content	0.07% by weight, based on a heating value of 18,000 Btu per pound of fuel ²	Instantaneous; at all times	EUACEMERGEN	SC VI.1 (Sulfur content of fuel oil; see Appendix 3.1)	R 336.1201(3)

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate EUACEMERGEN and EUDCEMERGEN for more than 50 hours per year in non-emergency situations, excluding periods of maintenance checks and readiness testing, provided the tests are recommended by the manufacturer, vendor or insurance company associated with the engine.² **(R 336.1201(3), 40 CFR 63.6590(b)(3), 40 CFR 63.6675)**
2. The permittee shall not operate EUEMGFIREPUMP for more than 50 hours per year in non-emergency situations, or 100 hours per year of maintenance, testing and non-emergency situations. **(40 CFR 63.6640(f), 40 CFR 63.6675)**
3. The permittee shall maintain EUEMGFIREPUMP by:

- a. Changing the oil and filter every 500 hours of operation or annually, whichever comes first. Alternatively, the permittee may utilize an oil analysis program as described in 40 CFR 63.6625(i); and
 - b. Inspecting the air cleaner every 1,000 hours of operation or annually, whichever comes first; and
 - c. Inspecting all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. OR
 - d. The permittee can petition the Administrator for alternative work practices. **(40 CFR 63.6602, 40 CFR 63, Subpart ZZZZ, Table 2c)**
4. The permittee shall not operate EUEMGFIREPUMP unless:
- a. Operation and maintenance is performed according to manufacturer's emission-related written instructions or an alternative plan developed by the permittee, which is consistent with good air pollution practices for minimizing emissions.
 - b. Idling time is minimized during startup.
 - c. Startup is minimized and does not exceed 30 minutes. **(40 CFR 63.6625(e), 40 CFR 63.6625(h))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall not operate EUEMGFIREPUMP unless a non-resettable hour meter has been installed. **(40 CFR 63.6625(f))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall monitor and record the following parameters:
 - a. Size of the unit
 - b. Installation and/or modification date
 - c. Fuel usage on a monthly basis
 - d. For EUACEMERGEN, sulfur content of the fuel oil combusted in accordance with Appendix 3.1 **(R 336.1213(3))**
2. For EUACEMERGEN and EUDCEMERGEN, the permittee shall record the reason for generator operation each time the generator is started and shall document hours of operation during periods of non-emergency use, excluding periods of maintenance checks and readiness testing, provided the tests are recommended by the manufacturer, vendor or insurance company associated with the engine. **(R 336.1213(3), 40 CFR 63.6640(f)(2))**
3. For EUEMGFIREPUMP, the permittee shall keep records of the hours of operation, documenting hours spent for non-emergency operation and emergency operation including what classified the event as an emergency. In addition, if it is used for demand response operation, the permittee must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response. **(40 CFR 63.6655(f))**
4. The permittee shall record maintenance conducted on EUEMGFIREPUMP. **(40 CFR 63.6655(e))**

See Appendices 3.1 and 3.2

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**
4. For new and reconstructed emergency stationary Reciprocating Internal Combustion Engines (RICE) with a site rating of more than 500 brake horsepower located at a major source of HAP emissions, the permittee shall submit an Initial Notification Report, as specified in 40 CFR Part 63, Subpart A, Section 63.9(b)(2), not later than 120 days after becoming subject to Subpart ZZZZ. **(40 CFR 63.6590(b)(1)(i), 40 CFR 63.6645(c) and (f))**
5. Starting in 2013 for EUEMGFIREPUMP, Semiannual Compliance reporting of monitoring and deviations pursuant to 40 CFR 63, Subpart ZZZZ. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(40 CFR 63.6650, 40 CFR 63, Subpart ZZZZ, Table 7)**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVDIESEL2*	NA	NA	NA

*Note, this stack discharges horizontally.

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with the applicable requirements of 40 CFR Part 63 (National Emission Standards for Hazardous Air Pollutants for Source Categories), Subparts A (General Provisions) and ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines). Notwithstanding 40 CFR 63.6590(b), the units may be subject to future revisions of the requirements of 40 CFR Part 63, Subpart ZZZZ. **(40 CFR 63, Subparts A and ZZZZ)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).
²This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

FGPARTSCLEANERS FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Any cold cleaner that is grandfathered or exempt from Rule 201 pursuant to Rule 278 and Rule 281(h) or Rule 285(r)(iv). Existing cold cleaners were placed into operation prior to July 1, 1979. New cold cleaners were placed into operation on or after July 1, 1979.

Emission Unit: EUPARTSCLEANERS

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

1. The permittee shall not use cleaning solvents containing more than five percent by weight of the following halogenated compounds: methylene chloride, perchloroethylene, trichloroethylene, 1,1,1-trichloroethane, carbon tetrachloride, chloroform, or any combination thereof. **(R 336.1213(2))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. Cleaned parts shall be drained for no less than 15 seconds or until dripping ceases. **(R 336.1611(2)(b), R 336.1707(3)(b))**
2. The permittee shall perform routine maintenance on each cold cleaner as recommended by the manufacturer. **(R 336.1213(3))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The cold cleaner must meet one of the following design requirements:
 - a. The air/vapor interface of the cold cleaner is no more than ten square feet. **(R 336.1281(h))**
 - b. The cold cleaner is used for cleaning metal parts and the emissions are released to the general in-plant environment. **(R 336.1285(r)(iv))**
2. The cold cleaner shall be equipped with a device for draining cleaned parts. **(R 336.1611(2)(b), R 336.1707(3)(b))**
3. All new and existing cold cleaners shall be equipped with a cover and the cover shall be closed whenever parts are not being handled in the cold cleaner. **(R 336.1611(2)(a), R 336.1707(3)(a))**
4. The cover of a new cold cleaner shall be mechanically assisted if the Reid vapor pressure of the solvent is more than 0.3 psia or if the solvent is agitated or heated. **(R 336.1707(3)(a))**
5. If the Reid vapor pressure of any solvent used in a new cold cleaner is greater than 0.6 psia; or, if any solvent used in a new cold cleaner is heated above 120 degrees Fahrenheit, then the cold cleaner must comply with at least one of the following provisions:
 - a. The cold cleaner must be designed such that the ratio of the freeboard height to the width of the cleaner is equal to or greater than 0.7. **(R 336.1707(2)(a))**

- b. The solvent bath must be covered with water if the solvent is insoluble and has a specific gravity of more than 1.0. **(R 336.1707(2)(b))**
- c. The cold cleaner must be controlled by a carbon adsorption system, condensation system, or other method of equivalent control approved by the AQD. **(R 336.1707(2)(c))**

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

- 1. For each new cold cleaner in which the solvent is heated, the solvent temperature shall be monitored and recorded at least once each calendar week during routine operating conditions. **(R 336.1213(3))**
- 2. The permittee shall maintain the following information on file for each cold cleaner: **(R 336.1213(3))**
 - a. A serial number, model number, or other unique identifier for each cold cleaner.
 - b. The date the unit was installed, manufactured or that it commenced operation.
 - c. The air/vapor interface area for any unit claimed to be exempt under Rule 281(h).
 - d. The applicable Rule 201 exemption.
 - e. The Reid vapor pressure of each solvent used.
 - f. If applicable, the option chosen to comply with Rule 707(2).
- 3. The permittee shall maintain written operating procedures for each cold cleaner. These written procedures shall be posted in an accessible, conspicuous location near each cold cleaner. **(R 336.1611(3), R 336.1707(4))**
- 4. As noted in Rule 611(2)(c) and Rule 707(3)(c), if applicable, an initial demonstration that the waste solvent is a safety hazard shall be made prior to storage in non-closed containers. If the waste solvent is a safety hazard and is stored in non-closed containers, verification that the waste solvent is disposed of so that not more than 20 percent, by weight, is allowed to evaporate into the atmosphere shall be made on a monthly basis. **(R 336.1213(3), R 336.1611(2)(c), R 336.1707(3)(c))**

VII. REPORTING

- 1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
- 2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
- 3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

NA

FGRULE290

FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Any future emission unit that emits air contaminants and is exempt from the requirements of Rule 201 pursuant to Rules 278 and 290.

Emission Unit: NA

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

1. Each emission unit that emits only noncarcinogenic volatile organic compounds or noncarcinogenic materials which are listed in Rule 122(f) as not contributing appreciably to the formation of ozone if the total uncontrolled or controlled emissions of air contaminants are not more than 1,000 or 500 pounds per month, respectively. **(R 336.1290(a)(i))**
2. Each emission unit that the total uncontrolled or controlled emissions of air contaminants are not more than 1,000 or 500 pounds per month, respectively, and all the following criteria listed below are met: **(R 336.1290(a)(ii))**
 - a. For noncarcinogenic air contaminants, excluding noncarcinogenic volatile organic compounds and noncarcinogenic materials which are listed in Rule 122(f) as not contributing appreciably to the formation of ozone, with initial threshold screening levels greater than or equal to 2.0 micrograms per cubic meter, the uncontrolled or controlled emissions shall not exceed 1,000 or 500 pounds per month, respectively. **(R 336.1290(a)(ii)(A))**
 - b. For noncarcinogenic air contaminants, excluding noncarcinogenic volatile organic compounds and noncarcinogenic materials which are listed in Rule 122(f) as not contributing appreciably to the formation of ozone, with initial threshold screening levels greater than or equal to 0.04 microgram per cubic meter and less than 2.0 micrograms per cubic meter, the uncontrolled or controlled emissions shall not exceed 20 or 10 pounds per month, respectively. **(R 336.1290(a)(ii)(B))**
 - c. For carcinogenic air contaminants with initial risk screening levels greater than or equal to 0.04 microgram per cubic meter, the uncontrolled or controlled emissions shall not exceed 20 or 10 pounds per month, respectively. **(R 336.1290(a)(ii)(C))**
 - d. The emission unit shall not emit any air contaminants, excluding non-carcinogenic volatile organic compounds and noncarcinogenic materials which are listed in Rule 122(f) as not contributing appreciably to the formation of ozone, with an initial threshold screening level or initial risk screening level less than 0.04 microgram per cubic meter. **(R 336.1290(a)(ii)(D))**
3. Each emission unit that emits only noncarcinogenic particulate air contaminants and other air contaminants that are exempted under Rule 290(a)(i) and/or Rule 290(a)(ii), if all of the following provisions are met: **(R 336.1290(a)(iii))**

- a. The particulate emissions are controlled by an appropriately designed and operated fabric filter collector or an equivalent control system which is designed to control particulate matter to a concentration of less than or equal to 0.01 pound of particulate per 1,000 pounds of exhaust gases and which does not have an exhaust gas flow rate more than 30,000 actual cubic feet per minute. **(R 336.1290(a)(iii)(A))**
- b. The visible emissions from the emission unit are not more than 5 percent opacity in accordance with the methods contained in Rule 303. **(R 336.1290(a)(iii)(B))**
- c. The initial threshold screening level for each particulate air contaminant, excluding nuisance particulate, is more than 2.0 micrograms per cubic meter. **(R 336.1290(a)(iii)(C))**

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The provisions of Rule 290 apply to each emission unit that is operating pursuant to Rule 290. **(R 336.1290)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**

1. The permittee shall maintain records of the following information for each emission unit for each calendar month using the methods outlined in the DEQ, AQD Rule 290, Permit to Install Exemption Record form (EQP 3558) or an alternative format that is approved by the AQD District Supervisor. **(R 336.1213(3))**
 - a. Records identifying each air contaminant that is emitted. **(R 336.1213(3))**
 - b. Records identifying if each air contaminant is controlled or uncontrolled. **(R 336.1213(3))**
 - c. Records identifying if each air contaminant is either carcinogenic or non-carcinogenic. **(R 336.1213(3))**
 - d. Records identifying the ITSL and IRSL, if established, of each air contaminant that is being emitted under the provisions of Rules 290(a)(ii) and (iii). **(R 336.1213(3))**
 - e. Material use and calculations identifying the quality, nature, and quantity of the air contaminant emissions in sufficient detail to demonstrate that the actual emissions of the emission unit meet the emission limits outlined in this table and Rule 290. **(R 336.1213(3), R 336.1290(c))**
2. The permittee shall maintain an inventory of each emission unit that is exempt pursuant to Rule 290. This inventory shall include the following information. **(R 336.1213(3))**
 - a. The permittee shall maintain a written description of each emission unit as it is maintained and operated throughout the life of the emission unit. **(R 336.1290(b), R 336.1213(3))**

- b. For each emission unit that emits noncarcinogenic particulate air contaminants pursuant to Rule 290(a)(iii), the permittee shall maintain a written description of the control device, including the designed control efficiency and the designed exhaust gas flow rate. **(R 336.1213(3))**
3. For each emission unit that emits noncarcinogenic particulate air contaminants pursuant to Rule 290(a)(iii), the permittee shall perform a monthly visible emission observation of each stack or vent during routine operating conditions. This observation need not be performed using Method 9. The permittee shall keep a written record of the results of each observation. **(R 336.1213(3))**

See Appendix 4

VII. REPORTING

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**
2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**
3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

See Appendix 8

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

NA

E. NON-APPLICABLE REQUIREMENTS

At the time of the ROP issuance, the AQD has determined that no non-applicable requirements have been identified for incorporation into the permit shield provision set forth in the General Conditions in Part A pursuant to Rule 213(6)(a)(ii).

APPENDICES

Appendix 1. Abbreviations and Acronyms

The following is an alphabetical listing of abbreviations/acronyms that may be used in this permit.

AQD	Air Quality Division	MM	Million
acfm	Actual cubic feet per minute	MSDS	Material Safety Data Sheet
BACT	Best Available Control Technology	MW	Megawatts
BTU	British Thermal Unit	NA	Not Applicable
°C	Degrees Celsius	NAAQS	National Ambient Air Quality Standards
CAA	Federal Clean Air Act	NESHAP	National Emission Standard for Hazardous Air Pollutants
CAM	Compliance Assurance Monitoring	NMOC	Non-methane Organic Compounds
CEM	Continuous Emission Monitoring	NOx	Oxides of Nitrogen
CFR	Code of Federal Regulations	NSPS	New Source Performance Standards
CO	Carbon Monoxide	NSR	New Source Review
COM	Continuous Opacity Monitoring	PM	Particulate Matter
department	Michigan Department of Environmental Quality	PM-10	Particulate Matter less than 10 microns in diameter
dscf	Dry standard cubic foot	pph	Pound per hour
dscm	Dry standard cubic meter	ppm	Parts per million
EPA	United States Environmental Protection Agency	ppmv	Parts per million by volume
EU	Emission Unit	ppmw	Parts per million by weight
°F	Degrees Fahrenheit	PS	Performance Specification
FG	Flexible Group	PSD	Prevention of Significant Deterioration
GACS	Gallon of Applied Coating Solids	psia	Pounds per square inch absolute
gr	Grains	psig	Pounds per square inch gauge
HAP	Hazardous Air Pollutant	PeTE	Permanent Total Enclosure
Hg	Mercury	PTI	Permit to Install
hr	Hour	RACT	Reasonable Available Control Technology
HP	Horsepower	ROP	Renewable Operating Permit
H ₂ S	Hydrogen Sulfide	SC	Special Condition
HVLP	High Volume Low Pressure *	scf	Standard cubic feet
ID	Identification (Number)	sec	Seconds
IRSL	Initial Risk Screening Level	SCR	Selective Catalytic Reduction
ITSL	Initial Threshold Screening Level	SO ₂	Sulfur Dioxide
LAER	Lowest Achievable Emission Rate	SRN	State Registration Number
lb	Pound	TAC	Toxic Air Contaminant
m	Meter	Temp	Temperature
MACT	Maximum Achievable Control Technology	THC	Total Hydrocarbons
MAERS	Michigan Air Emissions Reporting System	tpy	Tons per year
MAP	Malfuction Abatement Plan	µg	Microgram
MDEQ	Michigan Department of Environmental Quality	VE	Visible Emissions
mg	Milligram	VOC	Volatile Organic Compounds
mm	Millimeter	yr	Year

*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 pounds per square inch gauge (psig).

Appendix 2. Schedule of Compliance

The permittee certified in the ROP application that this stationary source is in compliance with all applicable requirements and the permittee shall continue to comply with all terms and conditions of this ROP. A Schedule of Compliance is not required. (R 336.1213(4)(a), R 336.1119(a)(ii))

Appendix 3. Monitoring Requirements

The following monitoring procedures, methods, or specifications are the details to the monitoring requirements identified and referenced in EUAUXBLR, EUACEMERGEN, EUFLYASH, EUFUELHAND, EUBOILER4, EUBOILER5, FGBOILERS1,2&3, and FGBOILERS4&5.

3.1 Fuel Sulfur Monitoring

The permittee shall maintain a complete record of fuel specifications and/or a fuel analysis for each delivery of oil, or storage tank of fuel oil. These records may include purchase records for ASTM specification fuel oil, specifications or analyses provided by the vendor at the time of delivery, analytical results from laboratory testing, or any other records adequate to demonstrate compliance with the percent sulfur limits in fuel.

3.2 Environmental Inspection

To ensure proper operation of the equipment, a routine inspection for visible emissions shall be performed at a minimum of four out of seven days per calendar week. This inspection will include a check of the following equipment and areas:

- Coal and ash handling vents, transport systems, storage and work areas
- Auxiliary heating boiler stack (when operating on oil)
- AC and DC emergency generator stacks (when operating)
- Other areas (parking lots, roads, etc.).

Weekly observations shall be made of all coal and ash handling dust collector differential pressures and/or system vacuum.

A record will be made of all checks, and abnormal conditions will trigger initiation of control/abatement/repair actions.

3.3 Continuous Emission Monitoring Systems (SO₂)

The Continuous Emissions Monitoring Systems (CEMS) performance specifications defined in 40 CFR Part 75, Appendix A are adopted. The Certified SO₂ and CO₂ monitors will be used to determine sulfur dioxide emissions. The data reduction procedures defined in R 336.2175 will be used to determine SO₂ lbs/MMBtu. On the last day of each calendar month, the CEMS data recording system will generate and record a monthly average as the average of the previous 31 operating days.

3.4 Continuous Emissions Monitoring System (NO_x Mass)

The CEMS performance specifications defined in 40 CFR Part 75, Appendix A and the NO_x monitoring provisions of 40 CFR Part 75, Subpart H are adopted.

Methods of measurement, frequency of measurement and recordkeeping methods for CEMS required under 40 CFR 75 are outlined in the most recent version of the Acid Rain Program - B.C. Cobb Monitoring Plan, originally dated June 13, 1994.

Data Reporting: the AQD may approve alternative data reporting or reduction procedures if it can be demonstrated that such procedures are at least as accurate as the procedures identified in R 336.2175.

The AQD recognizes that a false high indication can occur during hours when very low hourly average CO₂ concentrations are measured (< 5.0%) and used in the formula to calculate NO_x lb/MMBtu. As such, the concept referred to as "diluent capping," designed to ensure that the calculated NO_x lb/MMBtu emission rates do not become artificially inflated whenever low CO₂ (or high O₂) concentrations are encountered during boiler operation and addressed in 40 CFR Part 75, Appendix F, Section 3.3.4, shall be used.

3.5 Continuous Opacity Monitoring Systems

The Continuous Opacity Monitoring System (COMS) performance specifications defined in 40 CFR Part 60, Appendix B, are adopted.

Cycling time for opacity: complete a minimum of one cycle of sampling/analysis for each successive 10-second period and one cycle of data recording for each successive 6-minute period. **(R 336.2152)**

Zero and Drift: The COMS must be subject to the manufacturer's zero and span check at least once daily. **(R 336.2153)**

Location: The location of the COMS or the monitoring devices must be such that representative measurement of emissions or process parameters are obtained. **(R 336.2155)**

Alternative Systems: the AQD may approve the use of an alternative monitoring system if one is available that meets COMS objectives and if, because of physical limitations or other reasons, COMS cannot be installed or give accurate measurements. **(R 336.2159)**

Monitoring and reporting requirements shall not apply during any period of monitoring system malfunction if it can be demonstrated to the satisfaction of the AQD that: the cause of the malfunction could not have been avoided by any reasonable action and necessary repairs are being made as expeditiously as practicable. **(R 336.2190)**

3.6 Continuous Emissions Monitoring System (Title IV)

The CEMS performance specifications defined in 40 CFR Part 75, Appendix A are adopted.

Methods of measurement, frequency of measurement and recordkeeping methods for CEMS required under 40 CFR Part 75 are outlined in the most recent version of the Acid Rain Program - B.C. Cobb Monitoring Plan, originally dated June 13, 1994.

Data Reporting: the AQD may approve alternative data reporting or reduction procedures if it can be demonstrated that such procedures are at least as accurate as the procedures identified in R 336.2175.

Appendix 4. Recordkeeping

Specific recordkeeping requirement formats and procedures are detailed in Part A or the appropriate Source-Wide, Emission Unit and/or Flexible Group Special Conditions. Therefore, this appendix is not applicable.

Appendix 5. Testing Procedures

Specific testing requirement plans, procedures, and averaging times are detailed in the appropriate Source-Wide, Emission Unit and/or Flexible Group Special Conditions. Therefore, this appendix is not applicable.

Appendix 6. Permits to Install

The following table lists any PTIs issued since the effective date of previously issued ROP No. MI-ROP-B2836-2004.

Permit to Install Number	Description of Equipment	Corresponding Emission Unit(s) or Flexible Group(s)
MI-PTI-B2836-2004a	Source-Wide Permit to Install	All

Appendix 7. Emission Calculations

Specific emission calculations to be used with monitoring, testing or recordkeeping data are detailed in the appropriate Source-Wide, Emission Unit and/or Flexible group Special Conditions. Therefore, this appendix is not applicable.

Appendix 8. Reporting

A. Annual, Semiannual, and Deviation Certification Reporting

The permittee shall use the MDEQ Report Certification form (EQP 5736) and MDEQ Deviation Report form (EQP 5737) for the annual, semiannual and deviation certification reporting referenced in the Reporting Section of the Source-Wide, Emission Unit and/or Flexible Group Special Conditions. Alternative formats must meet the provisions of Rule 213(4)(c) and Rule 213(3)(c)(i), respectively, and be approved by the AQD District Supervisor.

B. Other Reporting

Specific reporting requirement formats and procedures are detailed in Part A or the appropriate Source-Wide, Emission Unit and/or Flexible Group Special Conditions. Therefore, Part B of this appendix is not applicable.

Note, Standards of Performance for New Stationary Sources (NSPS) reporting requirements include, but are not necessarily limited to, the following:

Notification requirements per Section 60.7 of 40 CFR Part 60, Subpart A:

60.7(a)(1)	Notification of the date of construction or reconstruction of an affected facility is commenced, postmarked no later than 30 days after such date.
60.7(a)(2)	"Reserved"
60.7(a)(3)	Notification of the actual date of initial startup of an affected facility, postmarked within 15 days after such date.
60.7(a)(4)	Notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in Section 60.14(e). This notice shall be postmarked 60 days (or as soon as practicable) before the change is commenced.

Notifications of reconstruction activities per Section 60.15 of 40 CFR Part 60, Subpart A:

60.15(d)	If an owner or operator of an existing facility proposes to replace components and the fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable entirely new facility, notification of the proposed replacements, postmarked 60 days (or as soon as practicable) before the construction of the replacements is commenced.
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Reporting requirements per Section 60.51Da of 40 CFR Part 60, Subpart Da

60.51Da(a)	For sulfur dioxide, nitrogen oxides, and particulate matter and mercury emissions, the performance test data from the initial and subsequent performance test and from the performance evaluation of the continuous monitors (including the transmissometer) are submitted to the Administrator.
60.51Da(b)	For sulfur dioxide and nitrogen oxides the following information is reported to the Administrator for each 24-hour period. <ol style="list-style-type: none"> (1) Calendar date. (2) The average sulfur dioxide and nitrogen oxide emission rates (ng/J or lb/million Btu) for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the emission standards; and, description of corrective actions taken. (3) Percent reduction of the potential combustion concentration of sulfur dioxide for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the standard; and, description of corrective actions taken. (4) Identification of the boiler operating days for which pollutant or diluent data have not been obtained by an approved method for at least 18 hours of operation of the facility; justification for not obtaining sufficient data; and description of corrective actions taken. (5) Identification of the times when emissions data have been excluded from the calculation of average emission rates because of startup, shutdown, malfunction (NOx only), emergency conditions (SO₂ only), or other reasons, and justification for excluding data for reasons other than startup, shutdown, malfunction, or emergency conditions. (6) Identification of "F" factor used for calculations, method of determination, and type of fuel combusted. (7) Identification of times when hourly averages have been obtained based on manual sampling methods. (8) Identification of the times when the pollutant concentration exceeded full span of the continuous monitoring system. (9) Description of any modifications to the continuous monitoring system which could affect the ability of the continuous monitoring system to comply with Performance Specifications 2 or 3.

60.51Da(c)	<p>If the minimum quantity of emission data as required by Sec. 60.49Da is not obtained for any 30 successive boiler operating days, the following information obtained under the requirements of Sec. 60.48Da(h) is reported to the Administrator for that 30-day period:</p> <ol style="list-style-type: none"> (1) The number of hourly averages available for outlet emission rates and inlet emission rates as applicable. (2) The standard deviation of hourly averages for outlet emission rates and inlet emission rates as applicable. (3) The lower confidence limit for the mean outlet emission rate and the upper confidence limit for the mean inlet emission rate as applicable. (4) The applicable potential combustion concentration. (5) The ratio of the upper confidence limit for the mean outlet emission rate and the allowable emission rate as applicable.
60.51Da(d)	<p>If any standards under Sec. 60.43Da are exceeded during emergency conditions because of control system malfunction, the owner or operator of the affected facility shall submit a signed statement:</p> <ol style="list-style-type: none"> (1) Indicating if emergency conditions existed and requirements under Sec. 60.48Da(d) were met during each period, and (2) Listing the following information: <ol style="list-style-type: none"> (i) Time periods the emergency condition existed; (ii) Electrical output and demand on the owner or operator's electric utility system and the affected facility; (iii) Amount of power purchased from interconnected neighboring utility companies during the emergency period; (iv) Percent reduction in emissions achieved; (v) Atmospheric emission rate (ng/J) of the pollutant discharged; and (vi) Actions taken to correct control system malfunction.
60.51Da(e)	NA
60.51Da(f)	<p>For any periods for which opacity, sulfur dioxide or nitrogen oxides emissions data are not available, the owner or operator of the affected facility shall submit a signed statement indicating if any changes were made in operation of the emission control system during the period of data unavailability. Operations of the control system and affected facility during periods of data unavailability are to be compared with operation of the control system and affected facility before and following the period of data unavailability.</p>
60.51Da(g)	NA
60.51Da(h)	<p>The owner or operator of the affected facility shall submit a signed statement indicating whether:</p> <ol style="list-style-type: none"> (1) The required continuous monitoring system calibration, span, and drift checks or other periodic audits have or have not been performed as specified. (2) The data used to show compliance was or was not obtained in accordance with approved methods and procedures of this part and is representative of plant performance. (3) The minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable. (4) Compliance with the standards has or has not been achieved during the reporting period.
60.51Da(i)	<p>For the purposes of the reports required under Sec. 60.7, periods of excess emissions are defined as all 6-minute periods during which the average opacity exceeds the applicable opacity standards under Sec. 60.42a(b). Opacity levels in excess of the applicable opacity standard and the date of such excesses are to be submitted to the Administrator each calendar quarter.</p>
60.51Da(j)	<p>The owner or operator of an affected facility shall submit the written reports required under this section and Subpart A to the Administrator semiannually for each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period.</p>

60.51Da(k)	The owner or operator of an affected facility may submit electronic quarterly reports for SO ₂ and/or NO _x and/or opacity in lieu of submitting the written reports required under paragraphs (g) and (j) of this section. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period. Before submitting reports in the electronic format, the owner or operator shall coordinate with the permitting authority to obtain their agreement to submit reports in this alternative format.
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Reporting requirements per Section 60.48c of 40 CFR Part 60, Subpart Dc.

60.48c(a)	The owner or operator of each affected facility shall submit notification of the date of construction or reconstruction, and actual startup, as provided by Section 60.7. The notification shall include design heat input capacity of the affected facility and identification of fuels to be combusted; and the annual capacity factor at which the owner or operator anticipates operating the affected facility.
60.48c(d)	The owner or operator of each affected facility subject to the fuel oil sulfur limits under Section 60.42c shall submit quarterly reports to the Administrator. The initial quarterly report shall be postmarked by the 30th day of the third month following the completion of the initial performance test. Each subsequent quarterly report shall be postmarked by the 30th day following the end of the reporting period.
60.48c(e)(1) through (11)	Requirements for contents of quarterly reports.
60.48c(f)	Fuel supplier certification shall include the following information for distillate oil: the name of the oil supplier and a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in Section 60.41c.

Appendix 9. Acid Rain Permit

Michigan Department Of Environmental Quality
Air Quality Division

PHASE II ACID RAIN PERMIT Permit No. MI-AR-1695-2011

Permittee	Consumers Energy – BC Cobb
Address	151 N. Causeway, Muskegon, MI
SRN	B2836
ORIS code	1695
Issue Date	August 9, 2011
Effective:	Issuance date of this facility's Renewable Operating Permit at the facility in accordance with 40 CFR 72.73.
Expiration	This permit shall expire when the facility's Renewable Operating Permit expires, in accordance with 40 CFR 72.73.
ROP No.	MI-ROP-B2836-2011

The Acid Rain Permit Contents

1. A statement of basis prepared by the Air Quality Division (AQD) containing:

References to statutory and regulatory authorities, and with comments, notes, and justification that apply to the source in general;
2. Terms and conditions including:

A table of sulfur dioxide allowances to be allocated during the term of the permit, if applicable, authorized by this permit during Phase II. Unless they are subject to sections 405(g)(2) or (3) of the Clean Air Act, new units are not allocated allowances in 40 CFR part 73 and must obtain allowances by other means (sec. 403(e) of the Clean Air Act);

Comments, notes and justifications regarding permit decisions and changes made to the permit application forms during the review process, and any additional requirements; and,

Any applicable nitrogen oxides compliance plan. Unless they are coal fired utility units regulated pursuant to sections 404, 405, or 409 of the Clean Air Act, new units are not subject to the acid rain nitrogen oxides requirements [40 CFR 76.1(a)].
3. The permit application that this source submitted, as corrected by the AQD. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

Statement of Basis

Statutory and Regulatory Authorities.

In accordance with the Natural Resources and Environmental Protection Act, 1994 PA 451 and Titles IV and V of the Clean Air Act, the Michigan Department of Environmental Quality, Air Quality Division (AQD), issues this permit pursuant to the provisions of R 336.1210 to R 336.1218, and R 336.1299(d).

For further information contact:

Brian Carley
Environmental Quality Specialist
Michigan Department of Environmental Quality
Air Quality Division
301 Louis Glick Highway
Jackson, Michigan 49201
Telephone: (517) 780-7843
Facsimile: (517) 780-7437

There are no comments, notes and/or justification that apply to the source in general for this section.

Terms and Conditions:

Phase II Sulfur Dioxide Allowance Allocation and Nitrogen Oxides Requirements for each affected unit.

		2011	2012	2013	2014	2015
Unit 1	SO ₂ allowances	442	442	442	442	442
	NOx Emission Limit	<p>Pursuant to 40 CFR 76.11, the State of Michigan, Department of Environmental Quality, Air Quality Division approves five (5) NOx emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2007, 2008, 2009, 2010, and 2011. Under each plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.10 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 4,013 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.</p>				

Terms and Conditions (cont.):

		2011	2012	2013	2014	2015
Unit 2	SO ₂ allowances	475	475	475	475	475
	NOx Emission Limit	<p>Pursuant to 40 CFR 76.11, the State of Michigan, Department of Environmental Quality, Air Quality Division approves five (5) NOx emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2007, 2008, 2009, 2010, and 2011. Under each plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.10 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 3,780 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.</p>				

Terms and Conditions (cont.):

		2011	2012	2013	2014	2015
Unit 3	SO ₂ allowances	473	473	473	473	473
	NOx Emission Limit	<p>Pursuant to 40 CFR 76.11, the State of Michigan, Department of Environmental Quality, Air Quality Division approves five (5) NOx emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2007, 2008, 2009, 2010, and 2011. Under each plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.10 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 6,112 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.</p>				

Terms and Conditions (cont.):

		2011	2012	2013	2014	2015
Unit 4	SO ₂ allowances	4582	4582	4582	4582	4582
	NOx Emission Limit	<p>Pursuant to 40 CFR 76.11, the State of Michigan, Department of Environmental Quality, Air Quality Division approves five (5) NOx emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2007, 2008, 2009, 2010, and 2011. Under each plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.39 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 8,031,966 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.</p>				

Terms and Conditions (cont.):

		2011	2012	2013	2014	2015
Unit 5	SO ₂ allowances	4702	4702	4702	4702	4702
	NOx Emission Limit	<p>Pursuant to 40 CFR 76.11, the State of Michigan Department of Environmental Quality, Air Quality Division approves five (5) NOx emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2007, 2008, 2009, 2010, and 2011. Under each plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.31 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 8,631,919 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.</p>				

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process: The NOx averaging plan is only in effect until January 1, 2012. The facility will need to request a modification per §72.81 or §72.82, as the submission applies, to incorporate the NOx Compliance plan for 2012 to the expiration date of this permit.

Permit Application: (attached)

Acid Rain Permit Application submitted June 3, 2009
Phase II NOx Compliance Plan submitted June 3, 2009
Phase II NOx Averaging Plan submitted July 2, 2009

Facility (Source) Name Generating Station	B.C. CobbElectric
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Permit Requirements

STEP 3

Read the standard requirements.

- (1) The designated representative of each affected source and each affected unit at the source shall:
 - (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each affected source and each affected unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
 - (ii) Have an Acid Rain Permit.

Monitoring Requirements

- (1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the source or unit, as appropriate, with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements

- (1) The owners and operators of each source and each affected unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the source's compliance account (after deductions under 40 CFR 73.34(c)), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the affected units at the source; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).

Facility (Source) Name Generating Station	B.C. CobbElectric
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Sulfur Dioxide Requirements, Cont'd.

STEP 3, Cont'd.

- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements

- (1) The designated representative of an affected source that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an affected source that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements

- (1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;

Facility (Source) Name B.C. CobbElectric Generating Station
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Recordkeeping and Reporting Requirements, Cont'd.

STEP 3, Cont'd.

- (ii) All emissions monitoring information, in accordance with 40 CFR part 75, provided that to the extent that 40 CFR part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
 - (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating

Facility (Source) Name B.C. CobbElectric Generating Station
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Effect on Other Authorities, Cont'd.

STEP 3, Cont'd.

to applicable National Ambient Air Quality Standards or State Implementation Plans;

(2) Limiting the number of allowances a source can hold; *provided*, that the number of allowances held by the source shall not affect the source's obligation to comply with any other provisions of the Act;

(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;

(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,

(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

STEP 4
Read the certification statement, sign, and date.

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name James R. Coddington, Designated Representative	
Signature <i>James R. Coddington</i>	Date 6-1-09



United States
 Environmental Protection Agency
 Acid Rain Program

OMB No. 2060-0258

Phase II NO_x Compliance Plan

Page 1 of 2

For more information, see instructions and refer to 40 CFR 76.9

This submission is: New Revised

STEP 1
 Indicate plant name, State, and ORIS code from NADB, if applicable

B. C. Cobb Plant	MI	1695
Plant Name	State	ORIS Code

STEP 2

Identify each affected Group 1 and Group 2 boiler using the boiler ID# from NADB, if applicable. Indicate boiler type: "CB" for cell burner, "CY" for cyclone, "DBW" for dry bottom wall-fired, "T" for tangentially fired, "V" for vertically fired, and "WB" for wet bottom. Indicate the compliance option selected for each unit.

	ID# 1	ID# 2	ID# 3	ID# 4	ID# 5	ID#
	Type T	Type T	Type T	Type T	Type T	Type
(a) Standard annual average emission limitation of 0.50 lb/mmBtu (for Phase I dry bottom wall-fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Standard annual average emission limitation of 0.45 lb/mmBtu (for Phase I tangentially fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(c) EPA-approved early election plan under 40 CFR 76.8 through 12/31/07 (also indicate above emission limit specified in plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(d) Standard annual average emission limitation of 0.46 lb/mmBtu (for Phase II dry bottom wall-fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(e) Standard annual average emission limitation of 0.40 lb/mmBtu (for Phase II tangentially fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(f) Standard annual average emission limitation of 0.68 lb/mmBtu (for cell burner boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(g) Standard annual average emission limitation of 0.86 lb/mmBtu (for cyclone boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(h) Standard annual average emission limitation of 0.60 lb/mmBtu (for vertically fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(i) Standard annual average emission limitation of 0.84 lb/mmBtu (for wet bottom boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(j) NO _x Averaging Plan (include NO _x Averaging form)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(k) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(A) (check the standard emission limitation box above for most stringent limitation applicable to any unit utilizing stack)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(l) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(B) with NO _x Averaging (check the NO _x Averaging Plan box and include NO _x Averaging form)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Plant Name (from Step 1) **B. C. Cobb Plant**

STEP 2, cont'd.

ID# 1	ID# 2	ID# 3	ID# 4	ID# 5	ID#
Type T	Type T	Type T	Type T	Type T	Type

(m) EPA-approved common stack apportionment method pursuant to 40 CFR 75.17 (a)(2)(i)(C), (a)(2)(iii)(B), or (b)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(n) AEL (include Phase II AEL Demonstration Period, Final AEL Petition, or AEL Renewal form as appropriate)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(o) Petition for AEL demonstration period or find AEL under review by U.S. EPA or demonstration period ongoing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(p) Repowering extension plan approved or under review	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STEP 3
 Read the standard requirements and certification, enter the name of the designated representative, sign & date.

Standard Requirements

General. This source is subject to the standard requirements in 40 CFR 72.9 (consistent with 40 CFR 76.8(e)(1)(i)). These requirements are listed in this source's Acid Rain Permit.

Special Provisions for Early Election Units

Nitrogen Oxides. A unit that is governed by an approved early election plan shall be subject to an emissions limitation for NO_x as provided under 40 CFR 76.8(a)(2) except as provided under 40 CFR 76.8(e)(3)(iii).

Liability. The owners and operators of a unit governed by an approved early election plan shall be liable for any violation of the plan or 40 CFR 76.8 at that unit. The owners and operators shall be liable, beginning January 1, 2000, for fulfilling the obligations specified in 40 CFR Part 77.

Termination. An approved early election plan shall be in effect only until the earlier of January 1, 2008 or January 1 of the calendar year for which a termination of the plan takes effect. If the designated representative of the unit under an approved early election plan fails to demonstrate compliance with the applicable emissions limitation under 40 CFR 76.5 for any year during the period beginning January 1 of the first year the early election takes effect and ending December 31, 2007, the permitting authority will terminate the plan. The termination will take effect beginning January 1 of the year after the year for which there is a failure to demonstrate compliance, and the designated representative may not submit a new early election plan. The designated representative of the unit under an approved early election plan may terminate the plan any year prior to 2008 but may not submit a new early election plan. In order to terminate the plan, the designated representative must submit a notice under 40 CFR 72.40(d) by January 1 of the year for which the termination is to take effect. If an early election plan is terminated any year prior to 2000, the unit shall meet, beginning January 1, 2000, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7. If an early election plan is terminated on or after 2000, the unit shall meet, beginning on the effective date of the termination, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name James R. Coddington, Designated Representative	
Signature <i>James R. Coddington</i>	Date 6-1-09



United States
 Environmental Protection Agency
 Acid Rain Program

OMB No. 2060-0258

Phase II NO_x Averaging Plan

For more information, see instructions and refer to 40 CFR 76.11

Page 1

This submission is: New Revised

Page 1 of 3

STEP 1

Identify the units participating in this averaging plan by plant name, State, and boiler ID# from NADB. In column (a), fill in each unit's applicable emission limitation from 40 CFR 76.5, 76.6, or 76.7. In column (b), assign an alternative contemporaneous annual emissions limitation (ACEL) in lb/mmBtu to each unit. In column (c), assign an annual heat input limitation in mmBtu to each unit. Continue to page 3 if necessary.

Plant Name	State	ID#	(a) Emission Limitation	(b) ACEL	(c) Annual Heat Input Limit
J. H. Campbell	MI	1	0.40	0.31	13,244,859
		2	0.68	0.46	16,783,459
		3	0.46	0.45	30,476,575
B. C. Cobb	MI	1	0.40	0.10	4,013
		2	0.40	0.10	3,780
		3	0.40	0.10	6,112
		4	0.40	0.39	8,031,966
		5	0.40	0.31	8,631,919
Dan E. Karn	MI	1	0.40	0.55	26,423,551

STEP 2

Use the formula to enter the Btu-weighted annual emission rate averaged over the units if they are operated in accordance with the proposed averaging plan and the Btu-weighted annual average emission rate for the same units if they are operated in compliance with 40 CFR 76.5, 76.6, or 76.7. The former must be less than or equal to the latter.

Btu-weighted annual emission rate averaged over the units if they are operated in accordance with the proposed averaging plan

0.44

$$\frac{\sum_{i=1}^n (R_{Li} \times HI_i)}{\sum_{i=1}^n HI_i}$$

Btu-weighted annual average emission rate for same units operated in compliance with 40 CFR 76.5, 76.6 or 76.7

0.46

$$\frac{\sum_{i=1}^n [R_{Li} \times HI_i]}{\sum_{i=1}^n HI_i}$$

≤

Where,

- R_{Li} = Alternative contemporaneous annual emission limitation for unit i, in lb/mmBtu, as specified in column (b) of Step 1;
- R_{Li} = Applicable emission limitation for unit i, in lb/mmBtu, as specified in column (a) of Step 1;
- HI_i = Annual heat input for unit i, in mmBtu, as specified in column (c) of Step 1;
- n = Number of units in the averaging plan

J. H. Campbell, B. C. Cobb, Dan E. Karn, J.C. Weadock, ... Whiting
Plant Name (from Step 1)

NO_x Averaging - Page 2

STEP 3

Mark one of the two options and enter dates.

- This plan is effective for calendar year 2007 through calendar year 2011 unless notification to terminate the plan is given.
- Treat this plan as identical plans, each effective for one calendar year for the following calendar years: 2007, 2008, 2009, 2010 and 2011 unless notification to terminate one or more of these plans is given.

STEP 4

Read the special provisions and certification, enter the name of the designated representative, and sign and date.

Special Provisions

Emission Limitations

Each affected unit in an approved averaging plan is in compliance with the Acid Rain emission limitation for NO_x under the plan only if the following requirements are met:

- (i) For each unit, the unit's actual annual average emission rate for the calendar year, in lb/mmBtu, is less than or equal to its alternative contemporaneous annual emission limitation in the averaging plan, and
- (a) For each unit with an alternative contemporaneous emission limitation less stringent than the applicable emission limitation in 40 CFR 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year does not exceed the annual heat input limit in the averaging plan,
- (b) For each unit with an alternative contemporaneous emission limitation more stringent than the applicable emission limitation in 40 CFR 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year is not less than the annual heat input limit in the averaging plan, or
- (ii) If one or more of the units does not meet the requirements of (i), the designated representative shall demonstrate, in accordance with 40 CFR 76.11(d)(1)(ii)(A) and (B), that the actual Btu-weighted annual average emission rate for the units in the plan is less than or equal to the Btu-weighted annual average rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations in 40 CFR 76.5, 76.6, or 76.7.
- (iii) If there is a successful group showing of compliance under 40 CFR 76.11(d)(1)(ii)(A) and (B) for a calendar year, then all units in the averaging plan shall be deemed to be in compliance for that year with their alternative contemporaneous emission limitations and annual heat input limits under (i).

Liability

The owners and operators of a unit governed by an approved averaging plan shall be liable for any violation of the plan or this section at that unit or any other unit in the plan, including liability for fulfilling the obligations specified in part 77 of this chapter and sections 113 and 411 of the Act.

Termination

The designated representative may submit a notification to terminate an approved averaging plan, in accordance with 40 CFR 72.40(d), no later than October 1 of the calendar year for which the plan is to be terminated.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	JAMES R CODDINGTON	
Signature	<i>James R Coddington</i>	Date 6-20-07

Appendix 10. CAIR SO2 Budget Permit

Michigan Department Of Environmental Quality
 Air Quality Division

**CAIR Sulfur Dioxide Budget Permit
 Permit No. MI-SO2-1695-2011**

Permittee Consumers Energy – BC Cobb
 Address 151 N. Causeway, Muskegon, MI
 SRN B2836
 ORIS code 1695
 Issue Date August 9, 2011
 Expiration This permit shall expire when the facility’s Renewable Operating Permit (ROP) expires in accordance with 40 CFR 97.221(b).
 ROP No. MI-ROP-B2836-2011

This permit incorporates automatically the definitions of terms under Air Pollution Control Rule 336.1420.

This permit incorporates automatically, upon recordation by the EPA Administrator in accordance with 40 CFR part 97 Subpart FFF, GGG, or III every allocation, transfer, or deduction of a SO2 allowance to or from the compliance accounts of the CAIR SO2 unit(s) covered by the permit.

The owners and operators of the source must comply with the standard requirements and special provisions set forth in this permit.

This permit incorporates any attached comments, notes or justifications regarding permit decisions and changes made to the permit application forms during the review process.

Units covered under this permit

AQD Unit ID	Unit Type			
EU00015	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00016	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00021	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00022	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00023	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other

Permit Application:

CAIR SO2 Annual Permit application submitted June 3, 2009

Standard requirements

(a) Permit requirements.

- (1) The CAIR designated representative of each CAIR SO₂ source required to have a ROP and each CAIR SO₂ unit required to have a ROP at the source shall:
 - (i) Submit to the permitting authority a complete CAIR permit application under § 97.222 in accordance with the deadlines specified in § 97.221; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.
- (2) The owners and operators of each CAIR SO₂ source required to have a ROP and each CAIR SO₂ unit required to have a ROP at the source shall have a CAIR permit issued by the permitting authority under Subpart CCC of 40 CFR part 97 for the source and operate the source and the unit in compliance with such CAIR permit.

(b) Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of Subpart HHH of 40 CFR part 97.
- (2) The emissions measurements recorded and reported in accordance with Subpart HHH of 40 CFR part 97 shall be used to determine compliance by each CAIR SO₂ source with the CAIR SO₂ emissions limitation under paragraph (c) of this permit.

(c) Sulfur Dioxide Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR SO₂ source and each CAIR SO₂ unit at the source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO₂ allowances available for compliance deductions for the control period, as determined in accordance with § 97.254(a) and (b), not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO₂ units at the source, as determined in accordance with Subpart HHH of 40 CFR part 97.
- (2) A CAIR SO₂ unit shall be subject to the requirements under paragraph (c)(1) of this section for the control period starting on the later of January 1, 2010 or the deadline for meeting the unit(s) monitor certification requirements under § 97.270(b)(1),(2), or (5) and for each control period thereafter.
- (3) A CAIR SO₂ allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR SO₂ allowance was allocated.
- (4) CAIR SO₂ allowances shall be held in, deducted from, or transferred into or among CAIR SO₂ Allowance Tracking System accounts in accordance with Subparts FFF, GGG, and III of 40 CFR part 97.
- (5) A CAIR SO₂ allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR SO₂ Trading Program. No provision of the CAIR SO₂ Trading Program, the CAIR permit application, the CAIR permit, or an exemption under § 97.205 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (6) A CAIR SO₂ allowance does not constitute a property right.

- (7) Upon recordation by the Administrator under Subpart FFF, GGG, or III of 40 CFR part 97, every allocation, transfer, or deduction of a CAIR SO₂ allowance to or from a CAIR SO₂ source's compliance account is incorporated automatically in any CAIR permit of the source.

(d) Excess emissions requirements.

If a CAIR SO₂ source emits sulfur dioxide during any control period in excess of the CAIR SO₂ emissions limitation, then:

- (1) The owners and operators of the source and each CAIR SO₂ unit at the source shall surrender the CAIR SO₂ allowances required for deduction under § 97.254(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of this subpart, the Clean Air Act, and applicable State law.

(e) Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR SO₂ source and each CAIR SO₂ unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the permitting authority or the Administrator.
- (i) The certificate of representation under § 97.213 for the CAIR designated representative for the source and each CAIR SO₂ unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under § 97.213 changing the CAIR designated representative.
- (ii) All emissions monitoring information, in accordance with Subpart HHH of 40 CFR part 97, provided that to the extent that Subpart HHH of 40 CFR part 97 provides for a 3-year period for recordkeeping, the 3-year period shall apply.
- (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO₂ Trading Program.
- (iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR SO₂ Trading Program or to demonstrate compliance with the requirements of the CAIR SO₂ Trading Program.
- (2) The CAIR designated representative of a CAIR SO₂ source and each CAIR SO₂ unit at the source shall submit the reports required under the CAIR SO₂ Trading Program, including those under Subpart HHH of 40 CFR part 97.

(f) Liability.

- (1) Each CAIR SO₂ source and each CAIR SO₂ unit shall meet the requirements of the CAIR SO₂ Trading Program.
- (2) Any provision of the CAIR SO₂ Trading Program that applies to a CAIR SO₂ source or the CAIR designated representative of a CAIR SO₂ source shall also apply to the owners and operators of such source and of the CAIR SO₂ units at the source.
- (3) Any provision of the CAIR SO₂ Trading Program that applies to a CAIR SO₂ unit or the CAIR designated representative of a CAIR SO₂ unit shall also apply to the owners and operators of such unit.

(g) Effect On Other Authorities.

No provision of the CAIR SO₂ Trading Program, a CAIR permit application, a CAIR permit, or an exemption under § 97.205 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR SO₂ source or CAIR SO₂ unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

Appendix 11. CAIR Annual NOx Budget Permit

Michigan Department Of Environmental Quality
 Air Quality Division

**CAIR Annual Nitrogen Oxide Budget Permit
 Permit No. MI-NOA-1695-2011**

Permittee Consumers Energy – BC Cobb
 Address 151 N. Causeway, Muskegon, MI
 SRN B2836
 ORIS code 1695
 Issue Date August 9, 2011
 Expiration This permit shall expire when the facility’s Renewable Operating Permit expires in accordance with Air Pollution Control Rule 336.1821.
 ROP No. MI-ROP-B2836-2011

This permit incorporates automatically the definitions of terms under Air Pollution Control Rule 336.1803.

This permit incorporates automatically, upon recordation by the EPA Administrator in accordance with Air Pollution Control Rule 336.1830, 336.1831 and 336.1834 every allocation, transfer, or deduction of a NOx allowance to or from the compliance accounts of the NOx Budget unit(s) covered by the permit.

The owners and operators of the source must comply with the standard requirements and special provisions set forth in this permit.

This permit incorporates any attached comments, notes or justifications regarding permit decisions and changes made to the permit application forms during the review process.

Units covered under this permit

AQD Unit ID	Unit Type			
EU00015	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00016	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00021	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00022	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00023	<input checked="" type="checkbox"/> Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other

Permit Application:

CAIR NOx Annual Permit application submitted June 3, 2009

Standard Requirements

(a) Permit Requirements.

- (1) The CAIR designated representative of each CAIR NO_x source required to have a Renewable Operating Permit (ROP) and each CAIR NO_x unit required to have a ROP at the source shall:
 - (i) Submit to the Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) a complete CAIR permit application under R 336.1821(3) in accordance with the deadlines specified in 40 CFR 97.121; and
 - (ii) Submit in a timely manner any supplemental information that the MDEQ-AQD determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.
- (2) The owners and operators of each CAIR NO_x source required to have a ROP and each CAIR NO_x unit required to have a ROP at the source shall have a CAIR permit issued by the MDEQ-AQD under Subpart CC of 40 CFR Part 97 for the source and operate the source and the unit in compliance with such CAIR permit.

(b) Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR NO_x source and each CAIR NO_x unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of Subpart HH of 40 CFR Part 97.
- (2) The emissions measurements recorded and reported in accordance with Subpart HH of 40 CFR Part 97 shall be used to determine compliance by each CAIR NO_x source with the CAIR NO_x emissions limitation under paragraph (c) of this permit.

(c) Nitrogen Oxides Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x source and each CAIR NO_x unit at the source shall hold, in the source's compliance account, CAIR NO_x allowances available for compliance deductions for the control period under 40 CFR 97.154(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NO_x units at the source, as determined in accordance with Subpart HH of 40 CFR Part 97.
- (2) A CAIR NO_x unit shall be subject to the requirements under paragraph (c)(1) for the control period starting on the later of January 1, 2009 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.170(b)(1), (2), or (5) and for each control period thereafter.
- (3) A CAIR NO_x allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this section, for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated.
- (4) CAIR NO_x allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Allowance Tracking System accounts in accordance with Subparts EE, FF, GG, or II of 40 CFR Part 97.
- (5) A CAIR NO_x Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NO_x Ozone Season Trading Program. No provision of the CAIR NO_x Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under § 97.105 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.

- (6) A CAIR NO_x allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NO_x Annual Trading Program. No provision of the CAIR NO_x Annual Trading Program, the CAIR permit application, the CAIR permit, or an exemption under 40 CFR 97.105 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) A CAIR NO_x allowance does not constitute a property right.
- (8) Upon recordation by the Administrator under Subpart EE, FF, GG, or II of 40 CFR Part 97, every allocation, transfer, or deduction of a CAIR NO_x allowance to or from a CAIR NO_x source's compliance account is incorporated automatically in any CAIR permit of the source.

(d) Excess Emissions Requirements.

If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, then:

- (1) The owners and operators of the source and each CAIR NO_x unit at the source shall surrender the CAIR NO_x allowances required for deduction under 40 CFR 97.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 97, the Clean Air Act, and applicable State rules.

(e) Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR NO_x source and each CAIR NO_x unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the MDEQ-AQD or the Administrator.
 - (i) The certificate of representation under § 97.113 for the CAIR designated representative for the source and each CAIR NO_x unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under § 97.113 changing the CAIR designated representative.
 - (ii) All emissions monitoring information, in accordance with Subpart HH of 40 CFR Part 97.
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Annual Trading Program.
 - (iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NO_x Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Annual Trading Program.
- (2) The CAIR designated representative of a CAIR NO_x source and each CAIR NO_x unit at the source shall submit the reports required under the CAIR NO_x Annual Trading Program, including those under Subpart HH of 40 CFR Part 97.

(f) Liability.

- (1) Each CAIR NOx source and each CAIR NOx unit shall meet the requirements of the CAIR NOx Annual Trading Program.
- (2) Any provision of the CAIR NOx Annual Trading Program that applies to a CAIR NOx source or the CAIR designated representative of a CAIR NOx source shall also apply to the owners and operators of such source and of the CAIR NOx units at the source.
- (3) Any provision of the CAIR NOx Annual Trading Program that applies to a CAIR NOx unit or the CAIR designated representative of a CAIR NOx unit shall also apply to the owners and operators of such unit.

(g) Effect on Other Authorities.

No provision of the CAIR NOx Annual Trading Program, a CAIR permit application, a CAIR permit, or an exemption under § 97.105 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NOx source or CAIR NOx unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.

Appendix 12. CAIR Ozone Nitrogen Oxide Budget Permit

Michigan Department Of Environmental Quality
 Air Quality Division

**CAIR Ozone Nitrogen Oxide Budget Permit
 Permit No. MI-NOO-1695-2011**

Permittee Consumers Energy – BC Cobb
 Address 151 N. Causeway, Muskegon, MI
 SRN B2836
 ORIS code 1695
 Issue Date August 9, 2011
 Expiration This permit shall expire when the facility’s Renewable Operating Permit expires in accordance with Air Pollution Control Rule 336.1821.
 ROP No. MI-ROP-B2836-2011

This permit incorporates automatically the definitions of terms under Air Pollution Control Rule 336.1803.

This permit incorporates automatically, upon recordation by the EPA Administrator in accordance with Air Pollution Control Rule 336.1822, 336.1823 and 336.1834 every allocation, transfer, or deduction of a NOx allowance to or from the compliance accounts of the NOx Budget unit(s) covered by the permit.

The owners and operators of the source must comply with the standard requirements and special provisions set forth in this permit.

This permit incorporates any attached comments, notes or justifications regarding permit decisions and changes made to the permit application forms during the review process.

Units covered under this permit

AQD Unit ID	Unit Type			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EU00015	X Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00016	X Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00021	X Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00022	X Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other
EU00023	X Stationary Boiler	<input type="checkbox"/> Combined Cycle System	<input type="checkbox"/> Combustion Turbine	<input type="checkbox"/> Other

Permit Application:

CAIR NOx Ozone Season Permit application submitted June 3, 2009

Standard Requirements

(a) Permit Requirements.

- (1) The CAIR designated representative of each CAIR NO_x source required to have a Renewable Operating Permit (ROP) and each CAIR NO_x unit required to have a ROP at the source shall:
 - (i) Submit to the Michigan Department of Environmental Quality, Air Quality Division (MDEQ-AQD) a complete CAIR permit application under R 336.1821(3) in accordance with the deadlines specified in 40 CFR 97.321; and
 - (ii) Submit in a timely manner any supplemental information that the MDEQ-AQD determines is necessary in order to review a CAIR permit application and issue or deny a CAIR permit.
- (2) The owners and operators of each CAIR NO_x source required to have a ROP and each CAIR NO_x unit required to have a ROP at the source shall have a CAIR permit issued by the MDEQ-AQD under Subpart CCCC of 40 CFR Part 97 for the source and operate the source and the unit in compliance with such CAIR permit.

(b) Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR NO_x source and each CAIR NO_x unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of Subpart HHHH of 40 CFR Part 97.
- (2) The emissions measurements recorded and reported in accordance with Subpart HHHH of 40 CFR Part 97 shall be used to determine compliance by each CAIR NO_x source with the CAIR NO_x emissions limitation under paragraph (c) of this permit.

(c) Nitrogen Oxides Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO_x source and each CAIR NO_x unit at the source shall hold, in the source's compliance account, CAIR NO_x allowances available for compliance deductions for the control period under 40 CFR 97.354(a) in an amount not less than the tons of total nitrogen oxides emissions for the control period from all CAIR NO_x units at the source, as determined in accordance with Subpart HHHH of 40 CFR Part 97.
- (2) A CAIR NO_x unit shall be subject to the requirements under paragraph (c)(1) for the control period starting on the later of January 1, 2009 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 97.370(b)(1), (2), (3) or (7) and for each control period thereafter.
- (3) A CAIR NO_x allowance shall not be deducted, for compliance with the requirements under paragraph (c)(1) of this permit, for a control period in a calendar year before the year for which the CAIR NO_x allowance was allocated.
- (4) CAIR NO_x allowances shall be held in, deducted from, or transferred into or among CAIR NO_x Allowance Tracking System accounts in accordance with Subparts EEEE, FFFF, GGGG, or IIII of 40 CFR Part 97.
- (5) A CAIR NO_x Ozone Season allowance is a limited authorization to emit one ton of nitrogen oxides in accordance with the CAIR NO_x Ozone Season Trading Program. No provision of the CAIR NO_x Ozone Season Trading Program, the CAIR permit application, the CAIR permit, or an exemption under § 97.305 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (6) A CAIR NO_x allowance does not constitute a property right.

- (7) Upon recordation by the Administrator under Subpart EEEE, FFFF, GGGG, or IIII of 40 CFR Part 97, every allocation, transfer, or deduction of a CAIR NO_x allowance to or from a CAIR NO_x source's compliance account is incorporated automatically in any CAIR permit of the source.

(d) Excess Emissions Requirements.

If a CAIR NO_x source emits nitrogen oxides during any control period in excess of the CAIR NO_x emissions limitation, then:

- (1) The owners and operators of the source and each CAIR NO_x unit at the source shall surrender the CAIR NO_x allowances required for deduction under 40 CFR 97.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable State law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 97, the Clean Air Act, and applicable State rules.

(e) Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR NO_x source and each CAIR NO_x unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the MDEQ-AQD or the Administrator.
 - (i) The certificate of representation under § 97.313 for the CAIR designated representative for the source and each CAIR NO_x unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under § 97.313 changing the CAIR designated representative.
 - (ii) All emissions monitoring information, in accordance with Subpart HHHH of 40 CFR Part 97.
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO_x Ozone Trading Program.
 - (iv) Copies of all documents used to complete a CAIR permit application and any other submission under the CAIR NO_x Ozone Trading Program or to demonstrate compliance with the requirements of the CAIR NO_x Ozone Trading Program.
- (2) The CAIR designated representative of a CAIR NO_x source and each CAIR NO_x unit at the source shall submit the reports required under the CAIR NO_x Ozone Trading Program, including those under Subpart HHHH of 40 CFR Part 97.

(f) Liability.

- (1) Each CAIR NO_x source and each CAIR NO_x unit shall meet the requirements of the CAIR NO_x Ozone Trading Program.
- (2) Any provision of the CAIR NO_x Ozone Trading Program that applies to a CAIR NO_x source or the CAIR designated representative of a CAIR NO_x source shall also apply to the owners and operators of such source and of the CAIR NO_x units at the source.
- (3) Any provision of the CAIR NO_x Ozone Trading Program that applies to a CAIR NO_x unit or the CAIR designated representative of a CAIR NO_x unit shall also apply to the owners and operators of such unit.

(g) Effect on Other Authorities.

No provision of the CAIR NOx Ozone Trading Program, a CAIR permit application, a CAIR permit, or an exemption under § 97.305 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NOx source or CAIR NOx unit from compliance with any other provision of the applicable, approved State implementation plan, a federally enforceable permit, or the Clean Air Act.