

SUPPLEMENT TO PERMIT NO. 485-96

Wolverine Power Supply Cooperative
Tower Plant
Tower, Michigan

December 2, 1996

GENERAL CONDITIONS

1. Rule 201(1) - The process or process equipment covered by this permit shall not be reconstructed, relocated, altered, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule.
2. Rule 201(4) - If the installation, reconstruction, relocation, or alteration of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the person to whom this permit was issued, or the designated authorized agent, shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, Hollister Building, 4th Floor, 106 W. Allegan, P.O. Box 30028, Lansing, Michigan 48933, if it is decided not to pursue the installation, reconstruction, relocation, or alteration of the equipment allowed by this Permit to Install.
3. Rule 201(6) (a) - If this Permit to Install is issued for a process or process equipment located at a stationary source which has been issued a Renewable Operating Permit pursuant to Rule 210, trial operation is allowed if the equipment performs in accordance with the terms and conditions of this Permit to Install and until the appropriate terms and conditions of this Permit to Install have been incorporated into the Renewable Operating Permit as a modification pursuant to Rule 216 or upon renewal pursuant to Rule 217. Upon incorporation of the appropriate terms and conditions into the Renewable Operating Permit, this Permit to Install shall become void.
4. Rules 201(6) (b) (i) and 216 (1) (a) (v) (A) - Not more than 30 days after completion of the installation, construction, reconstruction, relocation, alteration, or modification authorized by this Permit to Install, the person to whom this Permit to Install was issued, or the authorized agent pursuant to Rule 204, shall notify the District Supervisor, Air Quality Division, in writing, of the completion of the activity. Completion of the installation, construction, reconstruction, relocation, alteration, or modification is considered to occur not later than commencement of trial operation of the process or process equipment.
5. Rule 201(6) (b) (ii) - Except as provided in General Condition No. 3, not more than 18 months after completion of the installation, construction, reconstruction, relocation, alteration, or modification authorized by this Permit to Install, the person to whom this permit was issued, or the authorized agent pursuant to Rule 204, shall notify the District Supervisor, Air Quality Division, in writing, of the status of compliance of the process or process equipment with the terms and conditions of the Permit to Install. The notification shall include all of the following:

- A. The results of all testing, monitoring, and recordkeeping performed to determine the actual emissions from the process or process equipment and to demonstrate compliance with the terms and conditions of the Permit to Install.
 - B. A schedule of compliance for the process or process equipment as described in Rule 119(a).
 - C. A statement, signed by the person owning or operating the process or process equipment, that, based on information and belief formed after reasonable inquiry, the statements and information in the notification are true, accurate, and complete.
6. Rule 201(7) and Section 5510 of Act 451, P.A. 1994 - The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Departments' rules or the Clean Air Act.
 7. Rule 219 - new owner or operator of the process or process equipment covered by this Permit to Install may make a written request to the Department for a change of ownership or operational control. The request shall include all of the information required in Rule 219(1) (a), (b) and (c). If the request for a change in ownership or operational control is approved, the terms and conditions of this Permit to Install shall apply to the person or legal entity which hereafter owns or operates the process or process equipment for which this Permit to Install is issued. The written request shall be sent to the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, Hollister Building, 106 W. Allegan, P.O. Box 30028, Lansing, Michigan 48933.
 8. Except as allowed by Rules 278 through 290, the person to whom this permit was issued shall not substitute any fuels, coating, nor raw materials for those described in the application and allowed by this permit, nor make changes to the process or process equipment described in the application, without prior notification to and approval by the Air Quality Division.
 9. Rule 901 - Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property.
 10. Rule 912 - The owner or operator of a source, process, or process equipment shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant in excess of standards for more than one hour, or of any air contaminant in excess of standards for more than two hours, as required in this rule, to the District Supervisor, Air quality Division. The notice shall be provided not later than two business days after start-up,

shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the District Supervisor within 10 days, with the information required in this rule.

11. Approval of this permit does not exempt the person to whom this permit was issued from complying with any future regulations which may be promulgated under Part 55 of Act 451, P.A. 1994.
12. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.

SPECIAL CONDITIONS

13. The nitrogen oxides (NOx) emissions rate from the Tower generating facility shall not exceed 88.0 tons per year, based on a 12-month rolling average as determined at the end of each calendar month.
14. Applicant shall calculate the 12-month rolling average of NOx emissions from the facility each month. These calculations shall be kept for a period of at least two years and made available to the Air Quality Division upon request.
15. Visible emissions from the process shall not exceed a 6-minute average of 20% opacity.
16. Rules 1001, 1003 and 1004 - Verification of NOx emission rates from the process by testing, at owner's expense, in accordance with Department requirements, may be required for operating approval. Verification of emission rates includes the submittal of a complete report of the test results. If a test is required, stack testing procedures and the location of stack testing ports must have prior approval by the District Supervisor, Air Quality Division, and results shall be submitted within 120 days of the written requirement for such verification.
17. Applicant shall maintain records of the amount of fuel used in Units 1, 2, and 3, combined, in each calendar month. These records shall be kept for a period of at least two years and made available to the Air Quality Division upon request.
18. Applicant shall not use more than 137,916 gallons of fuel in Units 1, 2, and 3 combined in each calendar year.
19. For Units 1, 2, and 3 applicant shall not substitute any fuel for the #2 diesel fuel specified in the permit application.
20. Applicant shall maintain separate records of the amount and type of fuel used in Unit 4 in each calendar month. These records shall be kept for a period of at least two years and made available to the Air Quality Division upon request.

21. For Unit 4, applicant shall not substitute any fuel for the #2 diesel fuel or natural gas specified in the permit application.
22. In any calendar year in which only #2 diesel fuel is used in Unit 4, applicant shall not use more than 1,225,044 gallons of diesel fuel in Unit 4.
23. In any calendar year in which only natural gas is used in Unit 4, applicant shall not use more than 266.7 million cubic feet of natural gas in Unit 4.
24. In any calendar year in which both #2 diesel fuel and natural gas are used in Unit 4, applicant shall not use more than the following amounts:
 - a. #2 diesel fuel: A percentage of 1,255,044 gallons equal to the percentage of the calendar year in which Unit 4 used diesel fuel.
 - b. Natural gas: A percentage of 266.7 million cubic feet equal to the percentage of the calendar year in which Unit 4 used natural gas.