

DAIRYLAND POWER COOPERATIVE

La Crosse, Wisconsin

54601

June 28, 1979

In reply, please
refer to EV-1782

Mr. Jim Shea
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20014

Dea. Mr. Shea:

In response to your request and pursuant to the phone discussion today with you and Linda Weinzapfel, I am enclosing a copy of the current WPDES discharge permits for the LACBWR. Please note that these are written for a common discharge of cooling water with adjoining 350 MW coal-fired facility also operated by Dairyland Power Cooperative. If you need further information on this, please phone me at 608/788-4000.

Very truly yours,

DAIRYLAND POWER COOPERATIVE



Peter Delwiche
Environmental Analyst

PD/cw
Enclosure

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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

L. P. Voigt
Secretary

BOX 450
MADISON, WISCONSIN 53701

IN REPLY REFER TO: 3430

Mr. John P. Madgett, General Manager
Dairyland Power Cooperative
2615 East Avenue South
La Crosse, Wisconsin 54601

RECEIVED
DEC 31 1974
ajm

RE: WPDES Permit No. WI-0003239

Dear Mr. Madgett:

Your application WI-070-0X8-2-000810 for a Wisconsin Pollutant Discharge Elimination System (WPDES) Permit has been processed in accordance with Section 147.02 and 147.025, Wisconsin Statutes.

The enclosed WPDES permit covers the discharges from the facility located at Genoa into The Mississippi River. All discharges from this facility and actions or reports relating thereto shall be in accordance with the terms and conditions of this permit.

The WPDES permit program has been approved by the Administrator of the U.S. Environmental Protection Agency pursuant to Section 402(b) of the Federal Water Pollution Control Act Amendments of 1972 (33 U.S.C. Section 1342(b)). The terms and conditions of this permit are accordingly subject to enforcement under Section 147.21 and 147.29, Wisconsin Statutes and Section 309 of the Federal Act (33 U.S.C. Section 1319).

In accordance with this permit, discharge monitoring report forms are required to be submitted by you to the Department on a periodic basis. Blank copies of these report forms and instructions for completing them will be mailed to you under separate cover within thirty days.

Oliver D. Williams

Oliver D. Williams
Acting Administrator
Division of Environmental Standards

Dated December 31, 1974

Enclosures
Permit

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cc: U.S. Environmental Protection Agency
ATTN: Permits Branch
Fish & Wildlife Service - Minnesota
West Central District

Genoa Steam Power Plant
Genoa, Wisconsin 54632

Mr. Thomas A. Steele
(Address above)

PERMIT TO DISCHARGE UNDER THE
WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of Chapter 147, Wisconsin Statutes,

DAIRYLAND POWER COOPERATIVE
(GENOA STEAM POWER STATION)

is permitted to discharge from a facility located at

GENOA, WISCONSIN

to THE MISSISSIPPI RIVER

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in Parts I and II hereof.

This permit shall become effective on the date of signature.

This permit to discharge shall expire at midnight, September 30, 1979.

Permittee shall not discharge after the date of expiration. If the permittee wishes to continue to discharge after this expiration date he shall file an application for reissuance of his permit in accordance with the requirements of Chapter NR 200, Wisconsin Administrative Code, at least 180 days prior to this expiration date.

State of Wisconsin Department of Natural Resources
For the Secretary

By Oliver D. Williams
Oliver D. Williams
Acting Administrator
Division of Environmental Standards

Dated this 31st day of December , 1974

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GENERAL CONDITIONS

1. Compliance

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit.

2. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact on waters of the State resulting from noncompliance with any effluent limitations specified in this permit, including such special or additional monitoring as may be required by the Department or may be necessary to determine the nature and impact of the noncomplying discharge.

3. Removed Substances

Solids, sludges, filter backwash or other pollutants removed from or resulting from treatment or control of wastewaters or intake waters shall be stored and disposed of in a manner such as to prevent any pollutant from such materials from entering the waters of the State. Land disposal of treatment plant solids and sludges shall be either at a site or operation licensed by the Department under Chapter NR 151, Wisconsin Administrative Code, or in accordance with a sludge disposal plan approved by the Department.

4. Right of Entry

The permittee shall allow authorized representatives of the Department of Natural Resources, and the Administrator of the United States Environmental Protection Agency or his authorized representatives, upon the presentation of credentials:

- a. To enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit; and
- b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit; to inspect any monitoring equipment or monitoring method required in this permit; and to sample any wastewaters.

5. Permit Modification

After notice and opportunity for a hearing as provided in Section 147.03, Wisconsin Statutes, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;

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- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.

6. Toxic Pollutants

Nothing in this permit shall be construed to authorize the discharge of any toxic pollutant or combination of pollutants in amounts or concentrations which exceed any applicable toxic effluent standard or prohibition, including any schedule of compliance specified in any such effluent standard or prohibition, promulgated under Section 147.07(1), Wisconsin Statutes.

If a toxic effluent standard or prohibition, including any schedule of compliance specified in such effluent standard or prohibition, is promulgated under Section 147.07(1), Wisconsin Statutes, for a toxic pollutant or combination of pollutants which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition.

7. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" (Part I,23) and "Power Failures" (Part I,24), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties under Section 147.21, Wisconsin Statutes, for noncompliance with the terms and conditions of this permit.

8. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Federal Water Pollution Control Act (33 U.S.C. Section 1321).

9. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any other applicable State law or regulation.

10. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

11. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

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12. Schedule of Compliance Progress Reports

No later than 14 calendar days following a date identified in any schedule of compliance in Part II, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirements.

13. Test Procedures

Test procedures used for the analysis of pollutants shall be those listed in Chapter NR 219, Wisconsin Administrative Code, or an alternate method authorized in Part II.

14. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling;
- b. The dates the analyses were performed;
- c. The person(s) who performed the analyses;
- d. The analytical techniques or methods used; and
- e. The results of all required analyses.

15. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified in Chapter NR 219, the results of such monitoring shall be included in the Discharge Monitoring Report Form 3200-28. Such increased frequency shall also be indicated.

16. Records Retention

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years, or longer if requested by the Department of Natural Resources.

17. Construction of Onshore or Offshore Structures

This permit does not authorize or approve the construction of any onshore or offshore physical structure of facilities or the undertaking of any work in any navigable waters.

18. Confidential Information

Except for data determined to be confidential under Section 147.08(2)(c), Wisconsin Statutes, all monitoring reports required by this permit shall be available for public inspection at the headquarters of U.S. EPA Region V and the Department of Natural Resources. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 147.21, Wisconsin Statutes.

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19. Transfer of Control of Operation

In the event of a transfer of control of operation of the facility from which the permitted discharges emanate to a person not named on page one (1) of this permit, the permittee prior to such transfer shall notify his successor by letter that this permit is not transferable and that prior to any discharge after such transfer, a new WPDES permit must be obtained. A copy of this letter shall be forwarded to the Department of Natural Resources, WPDES Permit Section, Box 450, Madison, Wisconsin 53701.

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20. Change in Discharge

Any anticipated facility expansions, production increases or process modifications which will result in new, different, or increased discharges of pollutants must be reported in accordance with Chapter NR 200, Wisconsin Administrative Code, by submission of a new WPDES application or, if such changes will not exceed the effluent limitations specified in this permit, by notice to the Department of Natural Resources of such changes. Following such notice, the permit may be modified to specify and limit any pollutants not previously limited.

21. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum effluent limitation specified in this permit, he shall provide the Department of Natural Resources in writing within five (5) days of becoming aware of such condition, with the following information.

- a. A description of the discharge and cause of noncompliance; and
- b. An identification of the period of noncompliance, including exact dates and times; or, if continuing, the anticipated time the noncompliance is expected to continue, and a description of the steps being taken to reduce, eliminate and prevent recurrence of the noncompliance.

22. Facilities Operation

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

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23. Bypassing

Any diversion from or bypass of facilities necessary to maintain compliance with the terms and conditions of this permit is prohibited, except (i) an inadvertent bypass lasting no longer than one hour and resulting from equipment damage or temporary power interruption, or (ii) an unavoidable bypass necessary to prevent loss of life or severe property damage, or (iii) a bypass of excessive storm drainage or runoff which would damage any facilities necessary for compliance with the effluent limitations and prohibitions of this permit. In the event of occurrence of a bypass described by (ii) or (iii) the permittee shall immediately notify the Department District Office by telephone of such occurrence. In addition, the permittee shall notify the Department of Natural Resources, WPDES Permit Section and the Administrator of the U.S. EPA - Region V in writing of each such diversion or bypass by letter within 72 hours.

24. Power Failures

In order to maintain compliance with the effluent limitations and prohibitions of this permit in the event of the reduction, loss, or failure of one or more of the primary sources of power to the wastewater control facilities, the permittee shall either:

- a. Provide an alternative power source sufficient to operate the wastewater treatment or control facilities if required by the Schedule of Compliance contained in Part II, or,
- b. If there is no such requirement, halt, reduce or otherwise control production and/or all discharges from the facility.

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25. Definition Terms

(i) For those terms used in Parts I and II which are defined in Section 147.015, Wisconsin Statutes, the meanings of that Section shall apply.

(ii) As used in Daily Effluent Limitations, Part II:

- (1) "Average" means the arithmetic mean of daily monitoring test results obtained during a calendar month for the given parameter; that is the total of such daily results, in pounds per day, milligrams per liter, or other appropriate unit divided by the number of days for which results are totaled. For example, if a facility operates or discharges and monitors 30 days during a month the daily average is the sum of daily values in pounds per day, milligrams per liter, or other appropriate unit divided by 30 for each parameter, but if one day's result is missing for any parameter the divisor in that case is 29.
- (2) "Maximum" means the highest daily monitoring test result, in pounds per day, milligrams per liter, or other appropriate unit during the calendar month for the given parameter.
- (3) "Minimum" means the lowest daily monitoring test result, in the appropriate unit, during the calendar month for the given parameter.
- (4) The "average" for fecal coliform bacteria shall be the geometric mean of the samples collected in a reporting period.
- (5) Total Residual Chlorine means the value obtained using the amperometric titration method for total residual chlorine described in Standard Methods for the Examination of Water & Wastewater, page 112 (13th Edition).

SPECIAL CONDITIONS

Part II, Page 1 of 11
Permit No. WI-0003239

A. Effluent Limitations and Monitoring Requirements

- (1) During the period beginning on the effective date of this permit and lasting until December 31, 1976, the permittee is authorized to discharge from outfall serial number 001.
- (2) Discharge shall be limited and monitored by the permittee as specified below.
 - (a) There shall be no discharge of floating solids or visible foam in other than trace amounts.
 - (b) Samples taken in compliance with the monitoring requirements specified below shall be taken at the following location: at outfall 001.

EFFLUENT CHARACTERISTIC	DAILY EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
	Quantity-Pn/day (lbs/day)	Maximum	Other Limitations (Specify Units)	Sample Frequency	Sample Type
Flow - M ³ /Day (MGD)	-	-	-	Daily	Continuous
Total Residual Chlorine	-	-	-	Daily	Grab(1)
Temperature	-	-	-	Daily	Continuous
Intake Temperature	-	-	-	Daily	Continuous

- (1) A minimum of four grab samples shall be taken at the outfall daily during periods of chlorine discharge, with a minimum of one grab sample during each period of chlorine discharge.

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SPECIAL CONDITIONS

Part II, Page 2 of 11
 Permit No. WI-0003239

B. Effluent Limitations and Monitoring Requirements

- (1) During the period beginning on January 1, 1977 and lasting until September 30, 1979, the permittee is authorized to discharge from outfall serial number 001.
- (2) This discharge shall be limited and monitored by the permittee as specified below.
 - (a) There shall be no discharge of floating solids or visible foam in other than trace amounts.
 - (b) Samples taken in compliance with the monitoring requirements specified below shall be taken at the following location: at outfall 001.

EFFLUENT CHARACTERISTIC	DAILY EFFLUENT LIMITATIONS					MONITORING REQUIREMENTS	
	Quantity-kg/day (lbs/day)		Other Limitations (Specify Units)			Sample	Sample
	Average	Maximum	Minimum	Average	Maximum	Frequency	Type
Flow - M ³ /Day (MGD)	-	-	-	-	-	Daily	Continuous
Total Residual Chlorine(1)	-	-	-	-	0.2 mg/l	Daily	Grab(2)
Temperature	-	-	-	-	-	Daily	Continuous
Intake temperature	-	-	-	-	-	Daily	Continuous

- (1) Neither free available chlorine nor total residual chlorine may be discharged from the station for more than two hours in any one day.
- (2) A minimum of four grab samples shall be taken at the outfall daily during periods of chlorine discharge, with a minimum of one grab sample during each period of chlorine discharge.

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SPECIAL CONDITIONS

Part II, Page 3 of 11
Wisconsin Permit No. WI-0003239

C. Effluent Limitations and Monitoring Requirements

- (1) During the period beginning on the effective date of this permit and lasting until December 31, 1976, the permittee is authorized to discharge from outfall serial number 005.
- (2) This discharge shall be limited and monitored by the permittee as specified below.
 - (a) There shall be no discharge of floating solids or visible foam in other than trace amounts.
 - (b) Samples taken in compliance with the monitoring requirements specified below shall be taken at the following location: at outfall 005

DAILY EFFLUENT LIMITATIONS

EFFLUENT CHARACTERISTIC	Quantity-kg/day (lbs/day)		Other Limitations (Specify Units)		MONITORING REQUIREMENTS	
	Average	Maximum	Minimum	Average	Sample Frequency	Sample Type
Flow - M ³ /Day (MGD)	-	-	-	-	Daily When Discharging	Continuous G _{rcb}
Total Residual Chlorine	-	-	-	-	Daily When Discharging	Grab(1)
Temperature	-	-	-	-	Daily When Discharging	Continuous G _{rcb}
Intake Temperature	-	-	-	-	Daily When Discharging	Continuous G _{rcb}

- (1) A minimum of four grab samples shall be taken at the outfall daily during periods of chlorine discharge, with a minimum of one grab sample during each period of chlorine discharge.

Part II, Page 4 of 11
 Permit No. WI-0003239

SPECIAL CONDITIONS

D. Effluent Limitations and Monitoring Requirements

- (1) During the period beginning on the January 1, 1977 and lasting until September 30, 1979, the permittee is authorized to discharge from outfall serial number 005.
- (2) This discharge shall be limited and monitored by the permittee as specified below.
- (a) There shall be no discharge of floating solids or visible foam in other than trace amounts.
- (b) Samples taken in compliance with the monitoring requirements specified below shall be taken at the following location: at outfall 005.

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DAILY EFFLUENT LIMITATIONS

EFFLUENT CHARACTERISTIC	Quantity-kg/day (lbs/day)			Other Limitations (Specify Units)		MONITORING REQUIREMENTS		
	Average	Maximum	Minimum	Average	Maximum	Sample Frequency	Sample Type	
Flow - M ³ /Day (MGD)	-	-	-	-	-	Daily	When Discharging	Continuous
Total Residual Chlorine(1)	-	-	-	-	0.2 mg/l	Daily	When Discharging	Grab(2)
Temperature	-	-	-	-	-	Daily	When Discharging	Continuous
Intake Temperature	-	-	-	-	-	Daily	When Discharging	Continuous

- (1) Neither free available chlorine nor total residual chlorine may be discharged from the station for more than two hours in any one day.
- (2) A minimum of four grab samples shall be taken at the outfall daily during periods of chlorine discharge, with a minimum of one grab sample during each period of chlorine discharge.

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SPECIAL CONDITIONS

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Permit No. WI-0003239

F. Effluent Limitations and Monitoring Requirements

- (1) During the period beginning on the effective date of the permit and lasting until September 30, 1979, the permittee is authorized to discharge from outfalls serial numbers 002 and 007. D₂ W. 100.5
- (2) Each of these discharges shall be individually limited and monitored by the permittee as specified below, and individually reported in accordance with Part II, J, except a limitation under "Quantity" applies to the total for each characteristic of the individual discharges.
 - (a) There shall be no discharge of floating solids or visible foam in other than trace amounts.
 - (b) Samples taken in compliance with the monitoring requirements specified below shall be taken at the following locations: at outfalls 002 and 007.

DAILY EFFLUENT LIMITATIONS

EFFLUENT CHARACTERISTIC	Quantity-kg/day (lbs/day)		Other Limitations (Specify Units)		MONITORING REQUIREMENTS	
	Average	Maximum	Minimum	Average	Sample Frequency	Sample Type
Flow - M ³ /Day (MGD)	-	-	-	-	-	Monthly When Discharging Estimated

SPECIAL CONDITIONS
 Part II, Page 6 of 11
 Permit No. WI-0003239

F. Effluent Limitations and Monitoring Requirements

- (1) During the period beginning on the effective date of the permit and lasting until December 31, 1976 the permittee is authorized to discharge from outfall serial number 003.
- (2) This discharge shall be limited and monitored by the permittee as specified below.
 - (a) There shall be no discharge of floating solids or visible foam in other than trace amounts.
 - (b) Samples taken in compliance with the monitoring requirements specified below shall be taken at the following location: at outfall 003.

EFFLUENT CHARACTERISTIC	DAILY EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
	Quantity- lb/day (lbs/day)	Minimum	Average	Sample Frequency	Sample Type
Flow - M^3/Day (MGD)	-	-	-	Daily	Total Daily
Total Suspended Solids	-	-	-	Daily	Grab
Oil and Grease	-	-	-	Daily	Grab
pf:	-	-	-	Daily	Grab

SPECIAL CONDITIONS

Part II, Page 7 of 11
Permit No. WI-0003239

G. Effluent Limitations and Monitoring Requirements

- (1) During the period beginning on January 1, 1977 and lasting until September 30, 1979, the permittee is authorized to discharge from outfall serial number 003.
- (2) This discharge shall be limited and monitored by the permittee as specified below.
 - (a) There shall be no discharge of floating solids or visible foam in other than trace amounts.
 - (b) Samples taken in compliance with the monitoring requirements specified below shall be taken at the following location: at outfall 003.

Location of Discharge

EFFLUENT CHARACTERISTIC	DAILY EFFLUENT LIMITATIONS				MONITORING REQUIREMENTS		
	Quantity-kg/day(lbs/day)		Other Limitations (Specify Units)		Sample	Sample	
	Average	Maximum	Minimum	Average	Frequency	Type	
Flow - M ³ /Day (MGD)	-	-	-	-	-	Daily	Total Daily
Total Suspended Solids	-	-	-	30 mg/l	100 mg/l	Daily	24 hr. composite
Oil and Grease	-	-	-	15 mg/l	20 mg/l	Daily	Grab
pH	-	-	6.0	-	9.0	Daily	Grab

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SPECIAL CONDITIONS

Part II, Page E of 11
Permit No. WI-0003239

H. Effluent Limitations and Monitoring Requirements

- (1) During the period beginning on the effective date of the permit and lasting until September 30, 1979, the permittee is authorized to discharge from outfalls: serial numbers 004 and 008.
- (2) Each of these discharges shall be individually limited and monitored by the permittee as specified below, and individually reported in accordance with Part II, J, except a limitation under "Quantity" applies to the total for each characteristic of the individual discharges.
 - (a) There shall be no discharge of floating solids or visible foam in other than trace amounts.
 - (b) Samples taken in compliance with the monitoring requirements specified below shall be taken at the following locations: at outfalls 004 and 008.

DAILY EFFLUENT LIMITATIONS

EFFLUENT CHARACTERISTIC	Quantity-lb/day (lbs/day) Other Limitations (Specify Units)		
	Average	Maximum	Minimum

Flow - M³/Day (MGD)

MONITORING REQUIREMENTS

Sample Frequency	Sample Type
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Monthly Estimated

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I. OTHER SPECIAL CONDITIONS

1. Intake Structures

No later than January 31, 1975, the permittee shall submit to the Department for approval a plan of study to determine the environmental impact of the present water intake structure. Data collected by the study shall be summarized every three months in reports postmarked no later than the 28th day of the month following the completed reporting period. The first quarterly report is due on May 28, 1975.

No later than March 1, 1976, the permittee shall submit a report to the Department providing proposed measures to be taken by the permittee to meet the requirements of Section 147.02(6), Wisconsin Statutes, for water intake structures. The report shall contain a detailed demonstration that the proposed measures will reflect the best technology available for minimizing adverse environmental impact and a summary of the monitoring data collected to determine the effects of the present intake on the various species and life stages of fish. Development of the report shall be guided by the Development Document for Best Technology Available for Minimizing Adverse Environmental Impact of Cooling Water Intake Structures by the U.S. Environmental Protection Agency.

2. Transformer Fluids

There shall be no discharge of polychlorinated biphenyl compounds such as those commonly used for transformer fluid.

3. Intake Screen Discharges

After December 31, 1976, there shall be no discharge of floating or submerged debris from intake screen washing operations.

4. Thermal Mixing Zone Limitations and Monitoring Requirements

Beginning July 1, 1977 and lasting until September 30, 1979, the permittee is authorized to discharge from outfalls serial numbers 001 and 005 a heated effluent which shall at no time raise the natural temperature of the Mississippi River more than 5°F at the edge of the mixing zone, nor raise the temperature at the edge of the mixing zone above the limitations for the monthly average of the daily maximum temperature listed in the following table:

Limitations for the Monthly Average of the Daily Maximum Temperature (°F)

<u>Jan.</u>	<u>Feb.</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
40	40	54	65	75	84	84	84	82	73	58	48

The mixing zone shall be no larger than 25% of the cross-sectional area or volume of flow of the receiving water and not extend more than 50% of the width.

In addition, the permittee shall monitor the $\Delta 5^{\circ}\text{F}$ isotherm in the receiving water every three months for one year.

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J. MONITORING AND RECORDING

1. Sampling Requirements

Unless specified otherwise herein, samples shall be taken in accordance with Chapter NR 218 of the Wisconsin Administrative Code.

2. Reporting

a. Monitoring reports and reports required by Sections 12, 20, 21, and 23 of Part I of this permit shall be signed;

(1) for a corporation by a principal executive officer of at least the level of Vice President or his duly authorized representative having overall responsibility for the operation of the facility for which this permit is issued,

(2) for a partnership by a general partner, and

(3) for a sole proprietorship by the proprietor, except that

(4) in the case of reports required by Sections 21 and 23 the individual required to sign in accordance with this subsection may authorize another individual to sign such reports in his absence.

b. Monitoring results obtained during the previous month shall be summarized and reported on a Discharge Monitoring Report Form, postmarked no later than the 28th day of the month following the completed reporting period. The first report is due on May 28, 1975. Duplicate signed copies of these, and all other reports required herein, shall be submitted to the:

Wisconsin Department of Natural Resources
 NPDES Permit Section
 Post Office Box 450
 Madison, Wisconsin 53701

3. Schedule of Compliance

The permittee shall achieve compliance with the effluent limitations contained in Part II in accordance with the following schedule:

a. Preliminary plans submitted	June 30, 1975
b. Final plans submitted	December 31, 1975
c. Commence construction	June 30, 1976
d. Complete construction	December 31, 1976
e. Attain operational level	January 1, 1977

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