



State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

BOX 7921
MADISON, WISCONSIN 53707

March 9, 1988

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO: 4530-1

Mr. T. A. Steele, Director External Relations
Dairyland Power Cooperative
2615 East Avenue South
P.O. Box 817
La Crosse, WI 54602-0817

Dear Mr. Steele:

Your application for an air pollution control permit has been processed in accordance with sec. 144.3925, Wis. Stats.

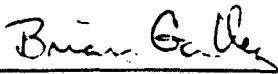
The enclosed permit is issued to provide authorization for your source to operate in accordance with the requirements and conditions set forth within Parts I and II of the permit. Please read it carefully.

A copy of this permit should be available at the source for inspection by any authorized representative of the Department. Questions about this permit should be directed to the Bureau of Air Management, P.O. Box 7921, Madison, Wisconsin 53707, (608) 266-7718.

NOTICE OF APPEAL RIGHTS

This decision is effective immediately unless a petition for a contested case hearing for administrative review of this decision is served on the Secretary of the Department of Natural Resources under section 144.403, Stats., within 30 days after the date of mailing of this decision. Any such petition for hearing shall set forth specifically the issue sought to be reviewed, the interest of the petitioner, the reasons why a hearing is warranted and the relief desired. This notice is provided pursuant to section 227.48(2), Stats.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES



J. Brian Galley,
Environmental Engineer
Stationary Source Surveillance Unit,
Engineering and Surveillance Section
Bureau of Air Management

3596E/Enc.

cc: Air Programs Branch - EPA, Region V
Marty Sellers - WCD, La Crosse
Eric Hennen - Dairyland Power Cooperative

AIR POLLUTION CONTROL PERMIT
ELECTIVE OPERATION PERMIT
FOR AN EXISTING AIR CONTAMINANT SOURCE

FACILITY ID NO. 663020930 SIC NO. 4911

ELECTIVE OPERATION PERMIT NO. 87-JBG-079

TYPE OF SOURCE: Attainment Area Major Source

THIS OPERATING PERMIT IS PERMANENT UNLESS ALTERED, REVOKED, OR SUSPENDED.

In compliance with the provisions of Chapter 144, Wis. Stats., and Chapters NR 400 to 499, Wis. Adm. Code,

Name of Source: Dairyland Power Cooperative

Street Address: 2615 East Avenue South, La Crosse, WI 54602-0817

Principal Officer or Authorized Representative & Title:
Mr. T. A. Steele, Director External Relations

is authorized to operate a 3,039.5 million BTU per hour steam generating unit (Genoa Unit 3) located at Highway 35 South, Genoa, Vernon County in accordance with the permit application dated February 28, 1985 and subsequent submittals in support of the application dated December 30, 1985 and February 19, 1988, and in accordance with the conditions stated herein.

This authorization requires compliance by the permit holder with the emission limitations, monitoring requirements and other terms and conditions set forth in Parts I and II hereof.

Dated at Madison, Wisconsin this 9th day of March, 1988.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
For the Secretary

By Donald F. Theiler DOP
Donald F. Theiler, Director
Bureau of Air Management

3596E

PART I

SPECIFIC PERMIT CONDITIONS

BY CATEGORY OF EMISSION UNITS:

Stack S10, Boiler B20*

1. Categorical Emission Limitations

<u>Pollutant</u>	<u>Applicable Wis. Adm. Code or Wis. Statute</u>	<u>Limitation/Requirement</u>
<u>Particulate Matter</u>	s. NR 425.06(1)(a), Wis. Adm. Code	0.60 pounds per million BTU input to any stack
<u>Sulfur Dioxide</u>		
1. Firing Coal	s. NR 417.07(5), Wis. Adm. Code	5.50 pounds per million BTU heat input, on a 30-day rolling average basis
		5.60 pounds per million BTU heat input, on a 24-hour average basis
2. Firing #2 Distillate Fuel Oil	s. NR 417.025, Wis. Adm. Code	1,428.8 pounds per hour
<u>Nitrogen Oxides</u>		
1. Firing Coal	s. NR 428.03, Wis. Adm. Code	2,705.2 pounds per hour
2. Firing #2 Distillate Fuel Oil	s. NR 428.03, Wis. Adm. Code	477.6 pounds per hour
<u>Organic Compounds (nonmethane)</u>		
1. Firing Coal	s. NR 419.03(1), Wis. Adm. Code	9.9 pounds per hour
2. Firing #2 Distillate Fuel Oil	s. NR 419.03(1), Wis. Adm. Code	4.0 pounds per hour
<u>Carbon Monoxide</u>		
1. Firing Coal	s. NR 426.025, Wis. Adm. Code	84.8 pounds per hour
2. Firing #2 Distillate Fuel Oil	s. NR 426.025, Wis. Adm. Code	99.5 pounds per hour

Lead

1. Firing Coal	s. NR 427.025, Wis. Adm. Code	0.05 pounds per hour
<u>Malodorous Emissions</u>	s. NR 429.03(1), Wis. Adm. Code	General limitation (see Note 1)
<u>Visible Emission</u>	s. NR 431.04(1) Wis. Adm. Code	40% opacity or #2 of the Ringleman chart
<u>Hazardous Pollutants</u>	s NR 445.03, Wis. Adm. Code	General limitation (see Note 2)

Note 1: No person shall cause, suffer, allow, or permit emission into the ambient air any substance or combination of substances in such quantities that an objectionable odor is determined to result unless preventative measures satisfactory to the Department are taken to abate, or control such emission.

Note 2: No person may cause, allow, or permit emissions into the ambient air of hazardous substances in such quantity, concentration, or duration as to be injurious to human health, plant or animal life unless the purpose of that emission is for the control of plant or animal life. Hazardous substances include but are not limited to the following materials, their mixtures, or compounds: asbestos, beryllium, cadmium, chromium, chlorine, fluorine, mercury, pesticides, or radioactive material.

*Also identified in the Department's Air Emission Inventory as Boiler B22 (for uncontrolled startups/shutdowns only).

GENERAL CONDITIONS APPLICABLE TO THE ENTIRE FACILITY

1. Dairyland Power Cooperative shall install, calibrate, maintain and operate a continuous monitoring system for the measurement of sulfur dioxide emissions from Genoa Unit 3, pursuant to the requirements of Chapter NR 439, Wis. Adm. Code, and shall meet all other requirements of NR 439, Wis. Adm. Code.

PART II
GENERAL PERMIT CONDITIONS
FOR DIRECT STATIONARY SOURCES

A. Scope

This permit is valid only for the structure, building, facility, equipment or operations specifically identified herein. All emissions authorized hereby shall be consistent with the terms and conditions of Parts I and II of this permit.

B. Prevention of Air Pollution

No person may cause, allow or permit the emissions of any air contaminant into the ambient air from a source subject to this permit which substantially contribute to the exceeding of an air standard of which cause air pollution.

C. Notification Requirements

Pursuant to sec. 144.394(3), Wis. Stats., and sections NR 445.05 and 439.025(6), Wis. Adm. Code, the Department shall be notified of the following events:

<u>Event</u>	<u>Timing</u>
Hazardous substance air spill	Immediate call: (608)266-3232
Malfunction or event not reported in advance which causes or may cause any violation of an emission limitation.	Within 8 hours of onset
Noncompliance with any other specified in this permit.	Written notification within 5 days identifying noncompliance, cause, duration, and steps taken to prevent reoccurrence.

D. Advance Notice of Startup or Shutdown

The permittee shall report to the Department in advance schedules for planned shutdown and startup of air pollution control equipment and the measures to be taken to minimize the down time of the control equipment. Scheduled maintenance or startup of other equipment which causes an emission limit to be exceeded shall also be reported in advance to the Department. Advance reporting pursuant to this permit condition or sec. NR 439.025(8), Wis. Adm. Code, shall not relieve any person from the duty to comply with any applicable emission limitations.

E. Right of Entry

Pursuant to sec. 144.34, Wis. Stats., the permittee shall allow authorized representatives of the Department of Natural Resources to enter upon the permittee's premises; to have access to and copy any records required to be kept under the terms and conditions of this permit; and to make any inspection necessary to ascertain compliance.

F. Malfunction Prevention and Abatement Plans

Pursuant to sec. NR 439.09, Wis. Adm. Code, the owner or operator of any direct or portable source which may emit hazardous substances or emits more than 15 pounds in any day or 3 pounds in any hour of carbon monoxide, particulate matter, hydrocarbons, sulfur oxides, nitrogen dioxide or photochemical oxidants shall prepare a written malfunction prevention and abatement plan to prevent, detect and correct malfunctions or equipment failures which may cause any emission limitation to be violated or which may cause air pollution. Any such plan shall be carried out by the owner or operator. The plan shall be updated as needed and is subject to Department review, approval and amendment.

G. Emission Control Action Programs

Pursuant to sec. NR 493.04, Wis. Adm. Code, if the source(s) covered by this permit emits 0.25 tons per day or more of carbon monoxide, particulate matter, hydrocarbons, sulfur oxides, nitrogen dioxide or photochemical oxidants, the permittee shall prepare an emission control action program consistent with good industrial practice and safe operating procedures, for reducing the emission of air contaminants into the outdoor atmosphere during periods of an air pollution alert, air pollution warning or air pollution emergency. The emission control action program shall be in writing, available on the premises for inspection and subject to review and approval by the Department on request.

H. Permit Alteration, Revocation, Suspension

After notice and opportunity for a hearing, as provided in sec. 144.395, Wis. Stats., this permit may be altered, suspended, or revoked in whole or in part for cause. Circumstances which could result in alteration of the permit include but are not limited to the following:

1. A significant or recurring violation of any term or condition of this permit;
2. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
3. A change in any applicable rule.

In addition to the circumstances in 1. and 2., failure to pay any required permit fees may result in revocation or suspension.

I. Civil Liability

Nothing in this permit shall be construed to relieve the permit holder from civil penalties under secs. 144.426, 144.96 or 144.99, Wis. Stats., for violation of the terms or conditions of this permit, or for violation of secs. 144.30 to 144.426, 144.76 and 144.96, Wis. Stats., or of any rule or any special order issued under those sections.

J. Other Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permit holder from any responsibilities, liabilities, or penalties established pursuant to any other applicable Federal, State, or local law or regulation. The issuance of this permit does not convey any property rights in either real or personal property, nor does it authorize any injury to private property or any invasion of personal rights.

K. Records Retention

All records and information resulting from any monitoring activities required by this permit shall be retained by the permittee for a minimum of three years pursuant to sec. NR 439.03, Wis. Adm. Code, unless specified in writing by the Department.

L. Reporting

Reports required by Part I of this permit, if any, shall be signed by an authorized representative of the source.

M. Confidential Information

Except for information determined to be confidential under sec. 144.33, Wis. Stats., any information or reports received by the Department in the permit application process, or subsequently obtained, will be available for public inspection at the offices of the Department of Natural Resources.

N. Notification of Transfer

In the event of a transfer of control of operation or ownership of the source, the permittee, prior to such transfer, shall notify its successor by letter of the need for a permit. A copy of this letter shall be forwarded to the Department.

O. Nonexempt Modifications

"Modification" means any change in the physical size or method of operation of a stationary source which:

- (1) increases the potential amount of emissions of an air contaminant;

(2) results in the emission of an air contaminant not previously emitted;
or

(3) results in the violation of an ambient air increment.

Any modification of a source subject to this permit, which is in violation of a term or condition of this permit, is prohibited and may not occur unless a modification of the permit is obtained. If the modification is not in violation of a term or condition of this permit and the modification is an exempt modification under sec. 144.391(4), Stats., or sec. NR 406.04, Wis. Adm. Code, or is authorized by a permit, no additional permit is required for the modification. All other modifications require a permit prior to commencing the modification.

P. Reconstruction or Replacement

Unless the replacement is authorized by a permit or is exempt under sec. NR 406.04, Wis. Adm. Code, replacement of the source(s) covered by this permit is prohibited. If the source(s) covered by this permit is a nonattainment major source or is subject to New Source Performance Standards, reconstruction may also be prohibited unless authorized by a permit.

Q. Circumvention

Pursuant to sec. NR 439.08, Wis. Adm. Code, the installation or use of any article, machine, equipment, process, or method, which conceals an emission which would otherwise constitute a violation of an applicable rule is prohibited unless written approval has been obtained from the Department. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance and the unnecessary separation of an operation into parts to avoid coverage by a rule that applies only to operations larger than a specified size.

R. Operating Permit Review

Operating permits shall be reviewed at least once every 5 years and not more than once every 2 years, in accordance with sec. 144.397, Wis. Stats. The Department may use information received in public comments or at the public hearing as the basis to initiate proceedings under sec. 144.395, Wis. Stats., to alter, suspend, or revoke the permit.

S. Forfeitures

In addition to other penalties or remedies, sec. 144.426, Wis. Stats., provides that any person who violates this permit shall forfeit not less than \$10 nor more than \$25,000 for each violation. Each day of continued violation is a separate offense.

T. 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.

U. Payment of Application Fee

Sources which are required under chapter NR 410, Wis. Adm. Code and sec. 144.399, Wis. Stats. to pay an application fee shall pay the fee within 30 days of the date of the billing statement. The Department may not issue the release for permanent operation of the source until the Department receives full payment of the application fee.

V. Annual Permit Fee

Pursuant to sec. NR 410.05, Wis. Adm. Code, any person who owns or operates an air contaminant source for which an air pollution control permit has been issued shall pay an annual fee for the implementation and enforcement of the permit conditions.

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