

State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

January 18, 1983

BOX 7921
MADISON, WISCONSIN 53707

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO: 4530

Mr. Fred Luehrs, Manager Plant Facilities
J. I. Case
25th & Mead
Racine, WI 53403

Dear Mr. Luehrs:

Your application for an air pollution control permit has been processed in accordance with Section 144.392, Wisconsin Statutes.

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.

This permit is effective immediately unless a petition for a contested case hearing for administrative review of the permit is filed with the Department under section 144.403, Wisconsin Statutes, within 30 days after the date of the permit. Any petition for a hearing should name the Wisconsin Department of Natural Resources as respondent. The petition must 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 permit may be revised as a result of rulemaking by the Department or the adoption of standardized permit forms and procedures which may differ from this document. At the time of such revision, permits reflecting these changes will automatically be issued.

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.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES


Donald F. Theiler, Director
Bureau of Air Management

Attach.

cc: Air Enforcement Branch - EPA, Region V
Southeast District Air Program

2908Y

(Rev. 10/13/82)

AIR POLLUTION CONTROL PERMIT
ATTAINMENT AREA MAJOR SOURCE

EI FACILITY NO. 252004170 PERMIT NO. EOP-10-DLJ-82-52-073
STACK NO.(S). S11 and S19 TYPE: PERMIT TO OPERATE
SOURCE NO.(S). B21 and B22

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

In compliance with the provisions of Chapter 144, Wisconsin Statutes, and Chapters NR 154 and NR 155, Wisconsin Administrative Code,

Name of Source: J. I. Case

Street Address: 25th & Mead Streets
Racine, WI 53403

Principal Officer or Authorized Representative, & Title:

Fred Luehrs, Manager

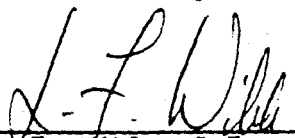
is authorized to operate two (2) coal-fired boilers each equipped with a cyclone and a side stream baghouse in strict conformity with the plans and specifications dated September 8, 1980; May 28, 1981; July 30, 1981; February 5, 1982 and as approved herein.

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 18 day of January, 1983.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
For the Secretary

By


L. F. Wible, P.E., Administrator
Division of Environmental Standards

PART I
SPECIFIC PERMIT CONDITIONS

A. Emission Limitations

1. Stack 11 Boiler 21

Pollutant	Applicable		Applicable Wisconsin Adm. Code or Statute	Limitation Requirement
	Yes	No		
Particulates	X		Sec. 144.394(3), Wis. Stats.	16.0 pounds particulate matter per hour or 0.17 pounds particulate matter per million BTU input to any stack
Sulfur Dioxide		X		
Organic Compounds		X		
Nitrogen Dioxide		X		
Carbon Monoxide		X		
Visible Emissions (Opacity)	X		Sec. NR 154.11(6)(a)1., Wis. Adm. Code	#1 Ringelmann Chart or 20% opacity
Malodorous Emissions		X		
Hazardous Substances: (Specify)		X		
Other:		X		

PART I
SPECIFIC PERMIT CONDITIONS

A. Emission Limitations

2. Stack 19 Boiler 22

Pollutant	Applicable		Applicable Wisconsin Adm. Code or Statute	Limitation Requirement
	Yes	No		
Particulates	X		Sec. 144.394(3), Wis. Stats.	16.7 pounds parti- culate matter per hour or 0.19 pounds particulate matter per million BTU input to any stack
Sulfur Dioxide		X		
Organic Compounds		X		
Nitrogen Dioxide		X		
Carbon Monoxide		X		
Visible Emissions (Opacity)	X		Sec. NR 154.11(6)(a)1., Wis. Adm. Code	#1 of Ringelmann Chart or 20% opacity
Malodorous Emissions		X		
Hazardous Substances: (Specify)		X		
Other: (Specify)		X		

B. Other Specific Conditions

1. Initial Operation Notification

The permittee shall inform the Wisconsin Department of Natural Resources, Southeast District Air Program, 1011 Mayfair Rd., P.O. Box 13248, Milwaukee, WI 53213 thirty (30) days prior to initial operation of the source covered by this permit. Furthermore, the permittee shall send the District construction progress reports every 30 days until a release for permanent operation is granted.

2. Release for Permanent Operation

This permit does authorize an initial operation period of 90 days for equipment shake-down, testing and Department evaluation of operation to assure conformity with the permit conditions. Permanent operation of the source(s) covered by this permit after the initial operation period is prohibited until a release has been issued by the Department.

3. Source performance tests shall be conducted on boiler 21 and boiler 22 within 30 days after the start of initial operation to prove compliance with the particulate matter and visible emission limitations for each boiler. The boilers shall be burning coal at no less than 80% of their capacity. In addition, it is requested, not required, that a particle size distribution be performed with cutoffs at 15 microns, 10 microns, 5 microns, and 2.5 microns or as close to these cutoffs as possible. The Department shall be informed at least 10 working days prior to the tests so a Department representative can witness the testing. At the time of notification, a stack test plan following the provisions set forth in Section NR 154.06(5), Wis. Adm. Code, shall also be submitted for approval.
4. Two copies of the report on the tests shall be submitted to the Department for evaluation within 30 days after the tests or at least 15 working days prior to the expiration of the initial operation period. Release for permanent operation will be issued only upon proof of compliance.
5. Boiler 21 shall not be operated from May 1 through September 30 any year.
6. Only coal with an ash content not to exceed 7% and a sulfur content not to exceed 0.9% shall be burned in boiler 21 and boiler 22.
7. Boiler 21 shall not burn greater than 4.09 tons per hour of coal and shall not exceed a maximum heat input of 103.9 million BTU per hour.
8. Boiler 22 shall not burn greater than 3.16 tons per hour of coal and shall not exceed a maximum heat input of 80.33 million BTU per hour.

9. Coal shall not be burned in boiler 21 or boiler 22 until the coal ban for Racine County is lifted by the County and the United States Government.
10. Boiler 22 shall be modified by installing equipment to supply overfire air or by using some other technique approved by the Department which shall reduce particulate matter emissions by at least 94%.
11. Records shall be kept and maintained of the hourly amount of coal burned in each boiler, the ash and sulfur content of the coal, and the months when boiler 21 is operated. These records shall be made available to Department personnel for inspection anytime during normal working hours.

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 or which cause air pollution.

C. Notification Requirements

Pursuant to sec. 144.394(3), Wis. Stats. and section NR 154.06(1) and (2)(f), 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 condition 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 section NR 154.06(2)(h), Wis. Adm. Code, shall not relieve any person from the duty to comply with any applicable emission limitations.

(Rev. 7/21/81)

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 the source(s) subject to this permit is prohibited unless the modification is an exempt modification or the modification is authorized by a permit. The following changes in method of operation are exempt modifications if the specified change does not cause or exacerbate the violation of an ambient air quality standard or increment and if the change in method of operation does not result in the violation of any other term or condition of this permit.

1. An increase in production rate if that increase does not exceed the operating design capacity of the source.
2. An increase in the hours of operation of the source.
3. Use of an alternate fuel or raw material if the source is designed to burn or use the alternate fuel or raw material and if that information is included in the plans, specifications and other information submitted under sec. 144.392(2), Wis. Stats. or under sec. 144.39(1), Wis. Stats. (1977).
4. Resumption of operation of a source after a period of closure if the existing equipment was continuously included in the source inventory as an existing source covered by plans under sec. 144.31(1)(f), Wis. Stats.
5. A change in ownership of the source.

P. Reconstruction or Replacement

Unless authorized by a permit, replacement of the source(s) covered by this permit is prohibited. If the source(s) covered by this permit is a nonattainment major source, reconstruction may also be prohibited unless authorized by a permit.

Q. Circumvention

Pursuant to section NR 154.06(8)(a), 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 Renewal

Certain operating permits for which a complete application was received prior to April 30, 1980 may be subject to renewal five years after issuance. An operating permit may be renewed subject to the rules in effect at the time of application for renewal. Renewal applications shall be filed in accordance with sec. 144.397, Wis. Stats., (as affected by Ch. 34, Laws of 1979). An operating permit shall continue to be valid during any review time associated with renewal, provided the permit holder applies at least 180 days prior to the expiration date in accordance with sec. 144.397, Wis. Stats., (as affected by Ch. 34, Laws of 1979).

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.

(Rev. 7/21/81)