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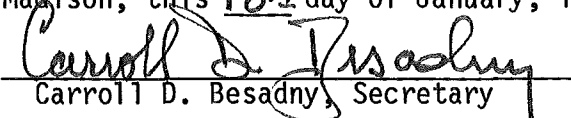
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STATE OF WISCONSIN)
)
DEPARTMENT OF NATURAL RESOURCES) SS

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Carroll D. Besadny, Secretary of the Department of Natural Resources and custodian of the official records of said Department, do hereby certify that the annexed copy of Natural Resources Board Order No. A-9-84 was duly approved and adopted by this Department on July 25, 1984. I further certify that said copy has been compared by me with the original on file in this Department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department at General Executive Facility #2 in the City of Madison, this 10th day of January, 1985.


Carroll D. Besadny, Secretary

(SEAL)

ORDER OF THE STATE OF WISCONSIN
NATURAL RESOURCES BOARD
CREATING RULES

.
. IN THE MATTER of creating s. NR 154.12(9) .
. of the Wisconsin Administrative Code .
. pertaining to establishment of emission . A-9-84
. limits for certain existing sources of .
. sulfur dioxide located in Rhinelander, .
. Oneida county .
.

Analysis Prepared by the Department of Natural Resources

In 1981 and 1983 the Department of Natural Resources measured violations of the primary or health-related 24 hour sulfur dioxide ambient air quality standard in Rhinelander. Under the Federal Clean Air Act, Wisconsin is required to revise its air pollution control plan to adopt a control strategy which will attain and maintain the national air ambient quality standards. The rules created by this order restrict the amount of sulfur dioxide which may be emitted by certain large existing sources of sulfur dioxide in Rhinelander. The compliance schedule in the rule requires that compliance with the emission limits be achieved and certified no later than two months after the rules take effect, i.e., Feb. 1 or Mar. 1, 1985. Monitoring and reporting plan requirements are also set.

Pursuant to the authority vested in the State of Wisconsin Natural Resources by ss. 144.31(1)(a), (e) and (f), 144.38(1)(a), and 227.014(2). Stats., the State of Wisconsin Natural Resources Board hereby creates rules interpreting s. 144.31(1)(f), Stats., and revising the State Implementation Plan (SIP) developed under that provision, as follows:

SECTION 1. NR 154.12(9) is created to read:

NR 154.12(9) RHINELANDER RACT SULFUR LIMITATIONS. (a) No person may cause, allow or permit sulfur dioxide to be emitted to the ambient air within

the corporate boundary of the city of Rhineland, Oneida county, from any direct stationary source on which construction or modification was last commenced prior to [effective date] in amounts greater than those specified in this paragraph.

1. At any paper mill, pulp mill, or yeast plant or any combination of these sources:

a. From any fossil fuel fired steam generating stoker boiler, a maximum of 2.96 pounds per million BTU heat input and an annual average of 1.77 pounds per million BTU heat input.

b. From any fossil fuel fired steam generating cyclone boiler, a maximum of 6.44 pounds per million BTU heat input and an annual average of 4.51 pounds per million BTU heat input.

c. From any surface condenser, 0.40 pounds per hour and 7.92 pounds in any 24 hours.

d. From any yeast dryer, 4.20 pounds per hour and 88.1 pounds in any 24 hours.

e. From any liquor dryer, 2.10 pounds per hour and 44.9 pounds in any 24 hours.

2. At any yeast plant, pulp and paper mill; yeast plant and pulp mill; pulp and paper mill; pulp mill; or papermill:

a. From any Jensen-Rock tower and tail gas scrubber with a common emission point, 18.5 pounds per hour.

b. From any blow pit vent and pad tank vent with a common emission point, 52.1 pounds per hour.

- c. From all pulp digesters, a total of 875 pounds in any 3 hours and 2,650 pounds in any 24 hours.
 - d. From any sulfur dioxide steam stripper, 18.5 pounds per hour.
 - e. From any vacuum compression evaporator, 18.0 pounds per hour.
 - f. From any rotary screen dryer, 0.34 pounds per hour.
 - g. From any condensate tank, 4.58 pounds per hour.
 - h. From any bulk-blend tank, 14.7 pounds per hour.
 - i. From any direct contact cooler, 1.2 pounds per hour.
 - j. Notwithstanding subpar. a. through i., a total of 667.2 pounds in any 24 hours from any Jensen-Rock tower and tail gas scrubber with a common emission point and a total 3,964 pounds in any 3 hours and 8,800 pounds in any 24 hours from the sources subject to subpar. b. through i. if these sources also have a common emission point and if the common emission points are 163 feet or more above ground and 168 feet or more above ground, respectively.
 - k. From any other source not covered by subd. 1 or subpar. a. through j., 0.0 pounds per hour.
3. At any yeast plant or yeast plant and papermill:
- a. From any sulfur dioxide steam stripper, 21.3 pounds per hour and 444 pounds in any 24 hours.
 - b. From any vacuum compression evaporator, 28.8 pounds per hour and 600 pounds in any 24 hours.
 - c. From any condensate tank, 5.3 pounds per hour and 110 pounds in any 24 hours.
 - d. From any bulk-blend tank, 16.9 pounds per hour and 353 pounds in any 24 hours.

e. From any other source not covered by subd. 1. or subpar. a. through d., 0.0 pounds per hour.

(b) When a source is subject to par. (a), the owner or operator shall achieve compliance with par. (a) by [effective date] and so certify to the department before [two months after effective date].

(c) The owner or operator of a source subject to par. (a) shall prepare and maintain a compliance demonstration plan to assure continuous compliance with the emission limitations of that paragraph.

1. The plan shall be in writing, updated as needed, and shall include but need not be limited to:

a. The name of the individual responsible for compliance demonstration activities at the source.

b. A description of the stacks, vents, raw materials, fuels and other items or parameters which will be tested, monitored, sampled, analyzed or measured to determine that the source is in compliance with par. (a).

c. A description of the testing methods, monitoring techniques, sampling and analysis methods and measurements which will be used, including the types of equipment to be used and the frequency of testing, monitoring, sampling, analysis or measurement.

d. A description of the records which will be created and maintained, their retention time, and the periodic reports which will be submitted to the department to demonstrate that the emission limitations of par. (a) are being met.

e. A procedure for detecting and reporting upsets, malfunctions and other events which may result in the violation of an emission limitation or which may affect the quantity or quality of compliance demonstration data.

f. Other relevant information reasonably needed to demonstrate continuous compliance with the emission limitations of par. (a).

2. The plan shall be filed with the department before [1 month after effective date]. Subsequent revisions to the plan shall be filed within 10 days of their completion.

3. The department may order any owner or operator of a source subject to par. (a) to submit the plan required by this paragraph for review and approval. The department may amend the plan if deemed necessary to assure that continuous compliance is adequately demonstrated and to recognize changes in the economic or technological feasibility of different compliance demonstration methods.

4. No owner or operator may fail to carry out the plan required under this paragraph or as amended by the department under subd. 3.

5. Nothing in this paragraph precludes the department from exercising its authority to require reporting or recordkeeping in addition to that required by this paragraph or exempts the owner or operator of a source subject to par. (a) from any other requirements relating to proof of compliance.

(d) No owner or operator of a source subject to par. (a) may cause, allow or permit sulfur dioxide to be emitted from emission points lower than those which existed at the source on December 1, 1983, unless written permission has been granted by the department.

(e) The owner or operator of a pulp mill subject to par.(a)1. or 2. shall notify the department in writing 30 days prior to resumption or shut down of pulp manufacturing.

The foregoing rules were approved and adopted by the State of Wisconsin Natural Resources Board on July 25, 1984.

The rules contained herein shall take effect as provided in s. 227.026(1) (intro.), Stats.

Dated at Madison, Wisconsin

January 10, 1985

STATE OF WISCONSIN

DEPARTMENT OF NATURAL RESOURCES

By Carroll D. Besadny
Carroll D. Besadny, Secretary

(SEAL)



State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

BOX 7921
MADISON, WISCONSIN 53707

January 10, 1985

IN REPLY REFER TO: 1020

Mr. Orlan L. Prestegard
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411 West
C A P I T O L

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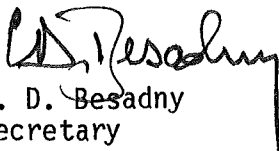
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Dear Mr. Prestegard:

Enclosed are two copies, including one certified copy, of State of Wisconsin Natural Resources Board Order No. A-9-84. These rules were reviewed by the Assembly Committee on Environmental Resources and the Senate Committee on Energy and Environmental Resources pursuant to s. 227.018, Stats. Summaries of the final regulatory flexibility analysis and comments of the legislative review committees is also enclosed.

You will note that this order takes effect following publication. Kindly publish it in the Administrative Code accordingly.

Sincerely,


C. D. Besadny
Secretary

Enc.

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