



CR 83-64

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny  
Secretary

BOX 7921  
MADISON, WISCONSIN 53707

STATE OF WISCONSIN )  
DEPARTMENT OF NATURAL RESOURCES ) SS

RECEIVED

SEP 20 1983  
3:40 pm  
Revisor of Statutes  
Bureau

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-11-83 was duly approved and adopted by this Department on July 27, 1983. 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 19<sup>th</sup> day of September, 1983.

*Carroll D. Besadny*  
Carroll D. Besadny, Secretary

(SEAL)

12-1-83

ORDER OF THE STATE OF WISCONSIN  
NATURAL RESOURCES BOARD  
CREATING RULES

.....  
IN THE MATTER OF creating section .  
NR 154.12(6) of the Wisconsin .  
Administrative Code pertaining to . A-11-83  
the establishment of emission limits .  
for certain existing sources of .  
sulfur dioxide located in Milwaukee .  
County. .  
.....

Analysis Prepared by Department of Natural Resources

On November 10, 1980 the U.S. Environmental Protection Agency, acting under section 107 of the federal Clean Air Act, designated a portion of Milwaukee as being in violation of the primary or health-related National Ambient Air Quality Standard for sulfur dioxide. Under the Clean Air Act, Wisconsin is obligated to revise its air pollution control plan so that the Milwaukee area will attain and maintain the national air quality standards. The rules created by this order set restrictions on the amount of sulfur dioxide which may be emitted by electric utility installations in Milwaukee. The compliance schedule in the rule requires that the emission limits be met no later than November 9, 1985.

---

Pursuant to the authority vested in the State of Wisconsin Natural Resources Board by ss. 144.31, 144.38 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(6) is created to read:

(6) MILWAUKEE RACT SULFUR LIMITATIONS. (a) No person may cause, allow or permit sulfur dioxide to be emitted to the ambient air within the corporate boundaries of the City of Milwaukee, Milwaukee County, from any direct source on which construction or modification was commenced prior to December 1, 1983, averaged over any 24-hour period in amounts greater than specified in this paragraph.

1. Any electrical utility installation rated at more than 250 million BTU heat input per hour:

a. 3.28 pounds sulfur dioxide per million BTU heat input to any stack for solid fossil fuel, 1.60 pounds sulfur dioxide per million BTU heat input to any stack for residual fuel oil and 0.50 pounds sulfur dioxide per million BTU heat input to any stack for all other fuels, or

b. Q, when different fuels are burned in combination. Q is determined by the following equation:

$$Q = \frac{X(3.28) + Y(1.60) + Z(0.5)}{X + Y + Z}$$

where Q is the sulfur dioxide emission limit expressed in pounds sulfur dioxide per million BTU heat input to any stack, X is the percent of total heat input to any stack derived from solid fossil fuel, Y is the percent of total heat input to any stack derived from residual fuel oil, and Z is the percent of total heat input to any stack derived from all other fuels.

2. [Reserved]

(b) When a source is subject to the emission limitations of par. (a), the owner or operator may not exceed the following increments of progress in achieving compliance, commencing on December 1, 1983:

1. Submit plans for achieving compliance within 6 months.

2. Award any necessary contracts within 9 months.

3. Where physical alteration of the source is necessary to achieve compliance, commence construction within 12 months and complete construction by November 9, 1985.

4. Where only fuel modification or switching is necessary to achieve compliance, commence operation using new fuel by August 9, 1985.

5. Achieve final compliance with the applicable emission limitations and so certify to the department by November 9, 1985.

The foregoing rules were approved and adopted by the State of Wisconsin Natural Board on July 27, 1983.

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

Dated at Madison, Wisconsin September 19, 1983

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

By Carroll D. Besadny  
Carroll D. Besadny, Secretary

(SEAL)