

ILLINOIS POLLUTION CONTROL BOARD
December 15, 1988

VILLAGE OF WINNETKA,)
)
 Petitioner,)
)
 v.) PCB 88-164
)
 ILLINOIS ENVIRONMENTAL)
 PROTECTION AGENCY,)
)
 Respondent.)

HARVEY M. SHELDON AND SHELL J. BLEIWEISS OF McDERMOTT, WILL, & EMERY APPEARED ON BEHALF OF PETITIONER THE VILLAGE OF WINNETKA.

WILLIAM D. INGERSOLL APPEARED ON BEHALF OF RESPONDENT THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

ORDER OF THE BOARD (by J. Theodore Meyer):

This matter is before the Board on an October 17, 1988 variance petition filed by the Village of Winnetka (Winnetka). Winnetka filed an amended petition on November 22, 1988. Winnetka seeks a variance from 35 Ill. Adm. Code 212.201, which governs particulate emissions in the Chicago area, until September 30, 1991. The variance would allow time for the design, installation, and testing of control equipment sufficient to meet the 0.1 pounds of particulate per million British thermal units (lbs/mmBtu) set forth in Section 212.201. The Illinois Environmental Protection Agency (Agency) filed its recommendation on November 29, 1988, recommending that the variance be granted subject to conditions. A public hearing was held at the Winnetka Village Hall on December 5, 1988.

The Board today grants the requested variance subject to conditions. An Opinion supporting this variance will follow at a later date.

The Village of Winnetka (Winnetka) is hereby granted a variance from 35 Ill. Adm. Code 212.201 for its boiler #8 at its Tower Road electric generating plant, subject to the following conditions:

1. This variance shall expire on September 30, 1991.
2. Winnetka shall use coal as fuel to produce electricity only when it is unable to purchase electricity from another source for less than 31 mils/KWH, or purchase

natural gas at a price such that the cost of production is less than 31 mils/KWH, except that coal may be burned in small quantities as necessary to maintain the protective ash on the boiler grate(s), as provided in condition 14.

3. Winnetka's plant shall be subject to a particulate emission limit of 0.25 lbs/mmBtu.
4. Winnetka shall reasonably maintain its multiple cyclone in good operating condition.
5. Winnetka shall record the pressure drop across the control equipment at least once during each eight-hour shift during which coal is burned.
6. Winnetka shall perform a stack test of particulate emissions, pursuant to a test protocol agreed upon with the Agency, by June 1, 1989. If said stack test does not indicate an emission rate of 0.25 lb/mmBtu or less, Winnetka shall perform necessary maintenance or repair to achieve compliance with a limit of 0.25 lb/mmBtu and demonstrate said compliance by engineering data or retesting.
7. Winnetka shall report any coal burning operation, except for grade ash maintenance, to the Agency on a form as set forth in Condition 8. The form shall include information demonstrating the unavailability of alternative electricity or natural gas as provided in condition 2. Such reports shall be mailed within five business days of the coal burning operation to the Agency, addressed to:

Manager, Field Operations Section
Division of Air Pollution Control
Illinois Environmental Protection Agency
1701 First Avenue
Maywood, Illinois 60153

8. The form for reporting coal use to the Agency shall be as follows:

To: Illinois EPA

From: Village of Winnetka Electric Plant

Date: _____

Pursuant to our coal burning variance, we hereby report.

Date of coal burning: _____

Hours of operation on coal: _____ m to _____ m

Tons of coal burned: _____ tons

Total hours/date of production of electricity on coal: _____ hrs.

Electricity purchase cost: _____ mils/KWH

Natural gas cost: _____ mmBtu

$$\frac{\text{_____}}{\text{mmBtu}} \times \frac{1 \text{ mmBtu}}{1,000,000 \text{ Btu}} \times \frac{15,500 \text{ Btu}}{\text{KWH}} = \$ \frac{\text{_____}}{\text{KWH}}$$

Natural gas production cost in mils: _____ mils/KWH

Submitted By _____
(Print)

Signature

Note: 1000 mils= \$1.00

9. Winnetka shall allow the Agency access, upon request, to records of electric and natural gas purchases, reports of fuel use, and any other records which are required by this variance, or contain information necessary to determine compliance with this variance.
10. Winnetka shall further perform a stack test of particulate emissions pursuant to a test protocol agreed upon with the Agency, by August 30, 1990, if it has produced electricity by burning coal on more than 90 days during the year ending on June 1, 1990.
11. Winnetka shall submit, by November 1, 1989, a construction permit application for the construction of air pollution control equipment adequate to achieve compliance with the limitations of 35 Ill. Adm. Code 212.201.
12. Winnetka shall commence construction of the air pollution control equipment by February 1, 1990 if a construction permit has been granted by the Agency.
13. Winnetka shall complete construction of the air pollution control equipment by June 1, 1991. Compliance

testing may be required by the construction permit.

- 14. Nothing in this Order shall prohibit Winnetka from burning small quantities of coal to maintain an adequate ash bed on the boiler grate(s). This shall not be considered the production of electricity by burning coal for purposes of condition 10. No more than 33 tons of coal per week shall be burned under this exemption.
- 15. Winnetka shall submit any necessary documents or information to amend its pending operating permit application to reflect operating under the terms of this Order.
- 16. Winnetka shall timely apply for an operating permit consistent with 35 Ill. Adm. Code 212.201 prior to the expiration of this variance.
- 17. Within 45 days of the date of this Order, Winnetka shall execute and forward to William D. Ingersoll, Enforcement Programs, Illinois Environmental Protection Agency, 2200 Churchill Road, P.O. Box 19276, Springfield, Illinois 62794-9276, a Certificate of Acceptance and Agreement to be bound to all terms and conditions of this variance. The 45-day period shall be held in abeyance during any period that this matter is being appealed. Failure to execute and forward the Certificate within 45 days renders this variance void. The form of said Certification shall be as follows:

CERTIFICATION

I, (We), _____, hereby accept and agree to be bound by all terms and conditions of the Order of the Pollution Control Board in PCB 88-164, December 15, 1988.

Petitioner

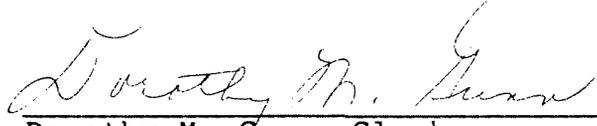
By: Authorized Agent

Title

Date

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above Order was adopted on the 15th day of December, 1988, by a vote of 7-0.



Dorothy M. Gunn, Clerk
Illinois Pollution Control Board