

ILLINOIS POLLUTION CONTROL BOARD
January 24, 1974

AMETEK, INC.)
)
 Petitioner,)
)
 vs.) PCB 73-446
)
 ENVIRONMENTAL PROTECTION AGENCY,)
)
 Respondent.)

OPINION AND ORDER OF THE BOARD (by Mr. Seaman):

The Petition for Variance was filed with the Agency on November 1, 1973.

Petitioner operates an industrial manufacturing facility located in East Moline, Rock Island County, Illinois. At this facility, Petitioner has four (4) boilers for production of process steam and heating. All four boilers can burn either natural gas or No. 5 oil. Boiler No. 1 is a chain grate stoker and is used during the winter with coal as its main fuel. Only one boiler is used at a time except in very cool weather when a second boiler picks up the load.

Petitioner is installing a fabric filter on Boiler No. 1 to control particulate emissions. Petitioner planned on having the fabric filter installed by November, 1973. Petitioner states that because of the failure of equipment delivery, the final completion date will be delayed to no later than March 31, 1974. Therefore, Petitioner is requesting a Variance to operate this boiler in excess of applicable regulations until the fabric filter system is installed and operational.

Emissions from a coal-fired boiler of this type calculated by the Agency using Compilation of Air Pollutant Emission Factors, AP-42, Table 1.1.2, are:

Coal Analysis

	Sulfur	3%	
	Ash	6.8%	
	Heating Value	12,275 BTU/lb.	1.4 lbs/10 ⁶ BTU
Emissions	(Particulates	54.5 lbs/hr.	4.89 lbs/10 ⁶ BTU
	(Sulfur Dioxide	182 lbs/hr.	

The SO₂ emissions presently comply with applicable SO₂ regulations of 6.0 lb/10₆ BTU. Particulate emissions exceed the standard set forth in the Rules and Regulations Governing the Control of Air Pollution and Rule 203(g) of Chapter 2, Part II of the Regulations of the Pollution Control Board. Assuming correct operation and maintenance of the baghouse, Petitioner should achieve particulate compliance with its control program.

Petitioner entered a binding agreement for the fabric filter on May 15, 1973. The United States Environmental Protection Agency estimates that a fabric filter system can be completed within 53 weeks. Even with the extended completion date, Petitioner will achieve compliance within the recommended schedule presented by the U.S. Environmental Protection Agency.

The Agency has received no comments from the public concerning this Variance. The plant is located in an industrial area where few residences exist.

This Opinion constitutes the findings of fact and conclusions of law of the Board.

ORDER

IT IS THE ORDER of the Pollution Control Board that:

1. A Variance be granted to March 31, 1974 or until the baghouse is operational, whichever is sooner, subject to the following conditions:

- (a) Petitioner shall utilize Boiler No. 1 on coal only when other sources of steam are unavailable, or when gas and/or oil are unavailable for use in Boiler No. 1.

- (b) Petitioner shall notify:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Control Program Coordinator
2200 Churchill Road
Springfield, Illinois 62706

upon completion of the baghouse program.

- (c) Petitioner shall attempt to obtain alternative fabric filters for use in the baghouse in the event delays beyond January 31, 1974 are encountered in obtaining the Kynol bag.

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, certify that the above Opinion and Order was adopted on this 24th day of January, 1974 by a vote of 5-3.

Christan L. Moffett