

ILLINOIS POLLUTION CONTROL BOARD
September 12, 1974

ILLINI COMMUNITY HOSPITAL,)
)
Petitioner,)
)
vs.) PCB 74-128
)
ENVIRONMENTAL PROTECTION AGENCY,)
)
Respondent.)

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

On April 3, 1974, Illini Community Hospital filed its Petition For Variance, seeking therein permission to continue operation of its non-approved incinerator until said incinerator can be replaced by a unit approved by the Agency. Specifically, relief is sought from Illinois Pollution Control Board Regulations, Chapter 2, Part I, Rule 103(b) and Illinois Pollution Control Board Regulations, Chapter 2, Part II, Rule 203(e)(3).

Petitioner is a not-for-profit Illinois Corporation with total revenues in fiscal year 1973 of 1.7 million dollars (\$1,700,000). Petitioner operates a hospital in Pittsfield, Pike County, Illinois. The subject of the Petition for Variance is a single chamber unfired incinerator vented to a boiler stack fifty feet (50') high. Petitioner processes in this incinerator approximately 500 pounds of waste daily.

Rule 203(e)(3) limits Petitioner's incinerator to maximum allowable emissions of 0.2 grains per standard cubic foot of effluent gases at 1.3 grains per standard cubic foot. The emissions to be expected from the burning of Petitioner's wastes in an unfired incinerator are:

Particulates	35 lb/ton
Carbon Monoxide	300 lb/ton
Hydrocarbons	100 lb/ton
Nitrogen Oxides	1 lb/ton
Sulfur Oxides	negligible

Petitioner burns about 500 pounds per day and therefore the anticipated emissions would be:

Particulates	8.75 lb/day
Carbon Monoxide	75.00 lb/day
Hydrocarbons	25.00 lb/day
Nitrogen Oxides	.25 lb/day
Sulfur Oxides	negligible

Petitioner's proposed compliance plan contemplates the installation of a Federal Enterprises Model FE-3 double burner incinerator. The Agency is convinced that this incinerator can meet applicable regulations for types 0, 1 or 2 wastes if waste consumption is limited to 140 pounds per hour and the primary and secondary burners heat input is rated at 350,000 BTU for both secondary burners. Petitioner's timetable is:

Order New Incinerator	7-1-74
Delivery	11-1-74
Operable by	1-1-75

Acting promptly upon the suggestion of an Agency representative, Petitioner has investigated the alternative of hauling away refuse until the new incinerator is installed and operative. The cost of hauling refuse would be \$60.00 per month. Based on a three-month period to replace the existing incinerator with a suitable substitute, the total projected expense of hauling would be approximately \$180.00.

Our Order will allow Petitioner to operate the subject incinerator until October 1, 1974 in order to allow Petitioner sufficient time to arrange for its refuse to be hauled to an approved landfill site. The cost to Petitioner will be minimal compared to adverse affect that continued violative emissions would have on the community.

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

IT IS THE ORDER of the Pollution Control Board that Illini Community Hospital be granted a variance from the provisions of Rule 203(e)(3) until October 1, 1974 to allow the continued operation of the subject incinerator until that date, subject to the following conditions:

1. Petitioner shall arrange to have its wastes hauled to an approved landfill site until such time as the new incinerator is operational.
2. Petitioner shall submit monthly progress reports to the Agency at the following address:

Environmental Protection Agency
Division of Air Pollution Control
Variance Section
2200 Churchill Road
Springfield, Illinois 62706

3. Petitioner shall submit Construction and Operating Permit Applications to the Agency as required by the Illinois Pollution Control Board Regulations.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, certify that the above Opinion and Order was adopted on this 12th day of September, 1974 by a vote of 4-0.

Christan L. Moffett