

ILLINOIS POLLUTION CONTROL BOARD
August 8, 1974

LUDLOW CORPORATION,)	
)	
Petitioner,)	
)	
v.)	PCB 74-198
)	
ENVIRONMENTAL PROTECTION AGENCY,)	
)	
Respondent.)	

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

On May 24, 1974, Ludlow Corporation filed its Petition For Variance, seeking therein variance from the provisions of Rule 205(f) of the Illinois Pollution Control Board Regulations, Chapter 2, Part II for the period between June 1, 1974 and September 1, 1974.

Petitioner operates a plant in Chicago which manufactures pressure sensitized paper. During the manufacturing process hydrocarbons are released and subsequently discharged to the atmosphere through two stacks. Hydrocarbon emissions are 36 lbs./hour from one stack and 27 lbs./hour from the other stack. Rule 205(f) limits Petitioner to a total of 8 lbs./hour of hydrocarbon emissions after December 31, 1973.

In 1971 Petitioner installed two fume incinerators at its facility after receiving assurance from the manufacturer that the units would achieve the 95 per cent hydrocarbon reduction required by the City of Chicago. However, the two incinerators functioned improperly and caused the emission of smoke from the stacks and the presence of oil fumes in the plant. Repeated attempts to solve the problems failed. Petitioner then retained Arthur D. Little and Company to recommend a solution.

After extensive investigation, Petitioner elected to replace the existing incinerators with two new Air Preheater incinerators at a cost of \$209,400. The Air Preheater Company has guaranteed 95 per cent removal of hydrocarbon emissions, which will reduce Petitioner's emission to 1.8 lbs./hour from the first stack and 1.35 lbs./hour from the second stack. The total plant emission of 3.15 lbs./hour will then be well within our standard.

Air Preheater estimated that it would take six months for fabrication, delivery, and installation of the equipment and training of Petitioner's employees. The actual operating date was projected to be near the end of May, 1974. Based upon this information we granted Petitioner's request for a variance from Rule 205(f) until June 1, 1974. (PCB 73-444).

In the instant cause, Petitioner is seeking additional time (until September 1, 1974) to complete the installation of the two Air Preheater Incinerators. Petitioner states that it has encountered unforeseeable delays in obtaining the necessary permits from the Building Department of the City of Chicago for the installation of the subject equipment. The delays were allegedly caused when the Department required the submission of revised structural and electrical plans.

These building permits were obtained on May 16, 1974, and the demolition which is a prerequisite to installation of the equipment has now begun. The incinerators themselves, the major component of the equipment, have been purchased and are being stored in a warehouse in Chicago. Both the construction site at Petitioner's plant and the incinerators are available for inspection as evidence of Petitioner's good faith effort to bring itself into compliance with state regulations. Petitioner's revised construction schedule now calls for completion of installation and testing by the end of August. An Agency construction permit was granted on February 13, 1974. Petitioner was granted an Agency operating permit, #031600 AUI, on March 20, 1973 to run through March 15, 1978.

Petitioner's facility is located in a heavily-populated residential area. Petitioner's neighbors have indicated that they are sometimes bothered by odors from Petitioner's plant, but they are not opposed to the granting of the variance.

The Agency is of the opinion that Petitioner has shown good faith in its attempts to comply with Rule 205(f) and that the revised compliance schedule is reasonable. We agree.

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

IT IS THE ORDER of the Pollution Control Board that Ludlow Corporation be granted a variance from Rule 205(f) of the Illinois Air Pollution Control Regulations for the period between June 1, 1974 and September 1, 1974 for the purpose of installing two Air Preheater incinerators at its Chicago manufacturing plant. This variance is subject to the following conditions:

1. Petitioner shall notify the Agency immediately if any deviation from the compliance timetable occurs.
2. Petitioner shall notify the Agency upon completion of its control program.
3. Petitioner shall conduct a stack test after installation of the subject incinerators and shall notify the Agency at least five days in advance of the test so that Agency personnel may be present to observe test procedures and operating conditions. The notification should be sent to:

Environmental Protection Agency
Illinois Naval Armory
East Randolph and the Lake
Chicago, Illinois 60602

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, certify that the above Opinion and Order was adopted on this 8th day of August, 1974 by a vote of 4-3.

Christan L. Moffett