

ILLINOIS POLLUTION CONTROL BOARD

June 20, 1974

INTERNATIONAL PAPER COMPANY,)	
)	
Petitioner,)	
)	
vs.)	PCB 74-66
)	
ENVIRONMENTAL PROTECTION AGENCY,)	
)	
Respondent.)	

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

On February 14, 1974, International Paper Company filed its Petition for Variance, seeking therein variance from the provisions of Rule 205(f) of the Air Pollution Control Regulations until May 31, 1975. On March 27, 1974, Petitioner filed an Amended Petition.

Petitioner owns and operates its Folding Carton and Label Division in Peoria, County of Peoria, Illinois. At the Peoria facility, Petitioner manufactures printed labels for food containers. The labels are designed, printed, varnished, cut to size, and packaged according to customers' requirements. The Petition for Variance is concerned with the varnishing operation. AT least 75,000 gallons of varnish and 65,000 gallons of thinner are used per year. The plant employs 350 people.

Petitioner had operating permits when it filed the Petition for Variance. The permits expired on March 31, 1974. The permits included a Compliance Plan which called for the use of exempt solvents to meet Rule 205(f). However, in January 1974, Petitioner was informed by potential suppliers that it would not receive the exempt solvents. Petitioner does not currently have operating permits from the Agency because it cannot demonstrate compliance with Rule 205(f).

Petitioner states that emissions from its varnishing facility are approximately 19.5 pounds per hour from each of its three varnishing machines. Varnish is applied to approximately one-half of the labels made at the facility to produce a glossy finish and to make the labels water- and scuff-resistant.

Petitioner formerly discharged an additional 3.8 pounds per hour of photochemically reactive material. However, Petitioner switched to a new thinner on January 1, 1974, and reduced the amount of photochemically reactive material emitted.

Petitioner plans to achieve compliance by utilizing non-photochemically reactive varnish as it becomes available. In addition, Petitioner is currently conducting research with waterbase varnishes, although it has been unsuccessful so far. Petitioner states that it will submit detailed specifications for waterbase varnish requirements to suppliers by June 1, 1974 and will request responses on or before December 1, 1974. Petitioner will then evaluate the varnishes by laboratory tests and by tests on its machines. If Petitioner determines that one of these varnishes is acceptable from the standpoint of both cost and suitability for Petitioner's requirements, it will begin ordering the new varnish no later than March 31, 1975. Petitioner will purchase and replace its inventory no later than April 1, 1975 and will begin using it no later than May 1, 1975.

Petitioner is also investigating the use of active carbon filtration in addition to searching for new sources of exempt solvent and waterbase varnish.

Petitioner's plant is located in an industrial park in Peoria. There are no citizen complaints.

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

IT IS THE ORDER of the Pollution Control Board that Petitioner be granted a variance from the provisions of Rule 205 (f) of the Air Pollution Control Regulations until May 31, 1975, subject to the following conditions:

- a. Petitioner shall utilize as much exempt solvent formulations as can be furnished by its suppliers.
- b. Petitioner shall notify the Agency immediately if any deviation from the compliance time table occurs.
- c. Petitioner shall submit quarterly reports to:

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

Said reports shall detail:

1. total amount of solvents used during the quarter;
2. nature and amount of non-exempt solvents used;
3. nature and amount of exempt solvents used;
4. nature and amount of exempt solvents purchased (indicating the supplier);
5. nature and amount of non-exempt solvents purchased (indicating the supplier);
6. nature and amount of solvents in inventory at the beginning of each quarter.

d. Within 6 months of the date of this Order, Petitioner shall submit to the Agency a modified compliance plan. This plan may:

i. Achieve compliance at the expiration of the Variance by replacement of photochemically reactive solvents with non-reactive solvents demonstrated to be readily available; or

ii. Achieve compliance at the expiration of the Variance by qualification under the Alternative Standard of Rule 205 (f)(1); or

iii. Achieve compliance by May 30, 1975 under the provisions of Rule 205(f)(2)(D).

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, certify that the above Opinion and Order was adopted on this 20th day of June, 1974 by a vote of 5-0.

Christan L. Moffett