

ILLINOIS POLLUTION CONTROL BOARD
June 14, 1973

GENERAL ELECTRIC COMPANY)
)
)
 v.) PCB 73-80
)
)
 ENVIRONMENTAL PROTECTION AGENCY)
)

OPINION AND ORDER OF THE BOARD (by Mr. Dumelle)

This is a petition for variance requesting relief from Rule 203 of the Air Regulations. Hearing was held on April 20, 1973.

Petitioner operates a synthetic paint system at its plant in Chicago Heights. They filed an operating permit application with the Agency in December, 1972 which was declined because the compliance dates would not be met. The particulate emissions emanate from the water-wall spray booth and the bake oven. The booth serves to capture the over spray which occurs when finish coatings are applied to various water cooler and food service equipment parts. Efficiency of particulate capture is stated by the company to be 90%.

The allowable particulate emissions for the booth and oven under Rule 203(a) are 0.360 pounds/hour. Petitioner has calculated its total emissions at 1.01 pounds/hour. The Agency has not observed any visible emissions or odors coming from the facility nor has it received any citizen complaints concerning the plant.

Petitioner has submitted a compliance schedule which provides for stack testing, engineering evaluation, bidding, construction, equipment performance tests, shakedown, and additional stack tests to determine compliance. They also plan to change the paint solvent to eliminate the use of photochemically reactive materials. They expect to complete their program by December 31, 1973 with an outside date of February 1, 1974.

The Agency believes that petitioner's timetable for completion of its compliance program is reasonable and therefore recommends that the variance be granted subject to certain conditions which we will adopt in substance.

This opinion constitutes the Board's findings of fact and conclusions of law.

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ORDER

General Electric is granted a variance from Rule 203 of the Air Regulations to February 1, 1974 subject to the following conditions:

- 1) That stack tests be performed on the spray paint booth and baking ovens no later than August 15, 1973, to determine the level of particulate emissions being emitted while using solvents that enable Petitioner to comply with the provisions of Rule 205(f). Results of such stack tests, and any further tests performed by General Electric to determine compliance with emission limitation, shall be submitted to the Agency no later than 30 days after completion of said tests.
- 2) That Petitioner shall submit progress reports to the Agency every other month commencing two months from the date of the grant of variance. Reports shall be sent to the Agency at the following address:

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

Attention: Robert Goldberg, Manager
Variance Section

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Opinion and Order were adopted on the 14th day of June, 1973 by a vote of 3-0.



Christan L. Moffett, Clerk
Illinois Pollution Control Board