

ILLINOIS POLLUTION CONTROL BOARD

May 23, 1974

KING-SEELEY COMPANY, THERMOS DIV., )  
Petitioner, )  
v. ) PCB 74-107  
ENVIRONMENTAL PROTECTION AGENCY, )  
Respondent. )

ORDER OF THE BOARD (by Dr. Odell)

On March 21, 1974, Petitioner filed its request for a variance from Rule 205(f) of Chapter Two: Illinois Air Pollution Regulations. The Thermos Division of King-Seeley Company (Thermos), located in Macomb, manufactures steel vacuum bottles and steel and plastic ice chests and picnic jugs. The facility employs 175 persons. The steel products are spray painted in three booths emitting, according to the Environmental Protection Agency (EPA), a total of 44.8 lb/hr of non-exempt solvents into the atmosphere. Petitioner estimated that only 35 to 40 pounds of xylol and toluol are emitted hourly during the spraying operation. Rule 205(f) of Chapter Two limits each emission source to 8 lb/hr.

Petitioner claims compliance with Rule 205(f) imposes an unreasonable hardship in that the fuel shortage has made conversion to exempt solvents presently beyond his power. Petitioner is investigating various methods to achieve compliance but no schedule for compliance was included in the Variance Petition. Also, the period for which the variance was sought was not indicated.

The EPA filed its Recommendation on April 30, 1974, favoring the grant of a variance stating, "considering the absence of citizen complaints, the Agency is in agreement with Petitioner that denial of the variance would impose a hardship."

We grant the variance. Petitioner's problem in obtaining exempt solvents is prevalent in the industry. The hardship is not self-imposed. The Federal Energy office has established mandatory allocation of petrochemical feedstocks to petrochemical producers -- including solvent manufacturers -- in a quantity equal to 100 percent of the producer's current requirements (Fed. Reg. Vol. 39, No. 10, Part III, Subpart 211J, January 15, 1974). Petitioner should utilize such exempt solvents as they become available.

ORDER

Petitioner is hereby granted a variance from Rule 205(f) of Chapter Two to operate its three spray booths at the combined emission rate not to exceed 45 lb/hr. This Variance, which extends through March 1, 1975, is subject to the following conditions:

1. Commencing 30 days after the date of this final Order, Petitioner shall submit bi-monthly reports to the EPA detailing all progress made toward eventual compliance with Rule 205(f). Said reports shall be sent to:

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

2. Petitioner shall utilize as much exempt solvent formulations as can be furnished by its suppliers.

3. Within one hundred and eighty days of the adoption of this Order, Petitioner shall submit a revised compliance plan to the EPA. This plan shall achieve compliance under one of the following methods:

- a. Achieve compliance at the expiration of the Variance by replacement of photochemically reactive solvents with non-reactive solvents demonstrated to be readily available; or
- b. Achieve compliance at the expiration of the Variance by qualification under the Alternative Standard of Rule 205(f)(1); or
- c. Achieve compliance by May 30, 1975, under the provisions of Rule 205(f)(2)(D).

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify that the above Order was adopted on the 23<sup>RD</sup> day of May, 1974, by a vote of 5 to 0.

  
Christan L. Moffett