

ILLINOIS POLLUTION CONTROL BOARD  
December 2, 1976

OLIN CORPORATION, )  
a Virginia Corporation, )  
 )  
Petitioner, )  
 )  
 )  
v. ) PCB 76-213  
 )  
 )  
ENVIRONMENTAL PROTECTION AGENCY, )  
 )  
Respondent. )

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

On September 16, 1976 Olin Corporation (Olin) filed a Petition before the Board requesting extension of variance from certain Air Pollution Control Regulations for its pyrotechnic destructor incinerator (destructor) and retort destructor incinerator (retort) located in Williamson County near Marion, Illinois. The Illinois Environmental Protection Agency (Agency) filed its recommendation in this matter on November 8, 1976. No hearing was held, and no public comment has been received.

Olin requests a five year extension of a variance granted in PCB 75-333 which expires December 5, 1976. The relief requested is from Air Pollution Control Regulations, Chapter 2, Rules 104, 203(e), and 206(b). Both the destructor and the retort are utilized in the disposal of explosive wastes and are vented to the same stack and control equipment. The destructor is used to destroy loose explosive wastes and the retort is designed for the disposal of fuses, primers and explosive projectiles from intermediate caliber ammunition. The variance sought is for the operation of both incinerators.

The Agency, in its Recommendation, indicates that, due to the unusually high amount of secondary air required in this type of incineration, the existing emission standards may not be well suited

for application to the burning of explosive wastes. The Agency also believes that the possibility that Olin will violate the ambient air quality in the area during the proposed variance is minimal and proposes that the Board grant variance under certain conditions.

The Board finds Olin has continued to act in good faith in trying to solve its waste disposal problem. In addition, the equipment used by Olin represents the state of the art for elimination of highly explosive wastes and, therefore, denial of a variance at this point in time would place an unreasonable and arbitrary hardship on Olin. The Board will, therefore, grant Olin a variance subject to certain conditions, including the possibility that Olin may submit a petition for rule change prior to the termination of this variance.

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

#### ORDER

It is the Order of the Pollution Control Board that Olin Corporation be granted variance from Rules 203(e), 206(b) and 104 of Chapter 2 of the Pollution Control Board Regulations for its pyrotechnic destructor incinerator and its retort destructor incinerator located in Williamson County from December 6, 1976 until December 6, 1978, subject to the following conditions:

1. This variance shall terminate upon the adoption by the Board of any rule change pursuant to any proceeding concerning Rules 203(e), 206(b) and 104 of Chapter 2 of the Pollution Control Board Regulations.
2. Olin Corporation shall make application for an operating permit from the Agency for the subject incinerators within 45 days of the date of this Order.
3. Olin Corporation shall not operate its pyrotechnic destructor at a rate exceeding 400 pounds of scrap per hour in any one hour, nor its destructor retort incinerator at a rate of more than 500 pounds per hour.

4. Olin Corporation shall not operate the pyrotechnic destructor for more than twenty hours in any one week nor operate the destructor retort more than two hours in any one week.

5. Olin Corporation shall operate the incinerators in a manner such that particulate and carbon monoxide emissions do not exceed current levels produced.

6. Olin Corporation shall continue its present program of explosive waste incinerator development.

7. Within 30 days of the adoption of this Order, Petitioner, Olin Corporation, shall execute and forward to the Illinois Environmental Protection Agency, Division of Air Pollution Control, 2200 Churchill Road, Springfield, Illinois 62706, a Certification of Acceptance and agreement to be bound to all terms and conditions of this Order. The form of said certification shall be as follows:

CERTIFICATION

I (We), \_\_\_\_\_ having read and fully understanding the Order of the Illinois Pollution Control Board in PCB 76-213 hereby accept said Order and agree to be bound by all of the terms and conditions thereof.

SIGNED \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Opinion and Order were adopted on the 2<sup>nd</sup> day of December, 1976 by a vote of 4-0.

  
Christan L. Moffett, Clerk  
Illinois Pollution Control Board