

ILLINOIS POLLUTION CONTROL BOARD  
April 4, 1975

UNION CARBIDE CORPORATION, )  
 )  
 Petitioner, )  
 )  
 vs. ) PCB 75-29  
 )  
 ENVIRONMENTAL PROTECTION AGENCY, )  
 )  
 Respondent. )

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

Union Carbide filed its Verified Petition requesting extension of a previously granted variance. In PCB 73-313 Union Carbide was granted variance from Rules 103(b)(2), 103(b)(6)(E), 104 and 203(a) of the Air Pollution Control Regulations until December 20, 1974 for the purpose of installing pollution control equipment. Petitioner now seeks variance from Rules 103(b)(2) and 203(a) until June 1, 1975.

Petitioner operates a petroleum coke manufacturing facility near Robinson, Crawford County, Illinois. Two gas fired rotary kilns are utilized to produce approximately 300,000 tons of coke annually. At a process weight rate of 36 tons/hour Petitioner emits about 370 lbs. of particulates per hour. Under Rule 203(a) Petitioner is limited to particulate emissions of 23.72 lbs./hr.

Pursuant to the conditions expressed in the Board Order in PCB 73-313, Union Carbide submitted and received Agency approval of its Compliance Plan and Project Completion Schedule for bringing this facility into compliance. This plan called for the installation of two settling chambers with a design efficiency of 99.6%. A control efficiency of 94% is required to achieve compliance. The project is scheduled to be completed June 1, 1975 at an estimated cost of \$2.2 million.

Petitioner states that it has complied with all conditions of the prior variance Order and is proceeding on schedule with construction sufficient to attain compliance by June 1, 1975.

An Agency investigator visited Petitioner's facility on January 23, 1975 and noted that the construction program was

proceeding on schedule. The investigator was informed that Unit #1 will tie into the settling chamber on March 20, 1975 and Unit #2 will tie in on June 1, 1975.

The Agency has received no objection to the grant of this variance and recommends approval subject to the condition that all applicable conditions imposed by the Board in PCB 73-313 remain in full force and effect.

It is the Opinion of the Board that Union Carbide is progressing satisfactorily with its compliance program and project completion schedule. Variance will be granted until June 1, 1975.

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

ORDER

It is the Order of the Pollution Control Board that Union Carbide Corporation is granted variance from Rules 103(b)(2) and 203(a) of the Air Pollution Control Regulations until June 1, 1975 for the purpose of installing control equipment sufficient to bring Petitioner's Robinson coke manufacturing facility into compliance with Rule 203(a). This variance is subject to the following conditions:

1. Union Carbide shall apply for and obtain all necessary permits from the Agency.
2. Union Carbide shall continue in full force and effect the guarantee bond of \$150,000 required as Condition 2 of the Order in PCB 73-313.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Opinion and Order was adopted this 4<sup>th</sup> day of April, 1975 by a vote of 3 to 0.

