

ILLINOIS POLLUTION CONTROL BOARD
May 6, 1976

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| INTERCONTINENTAL ALLOYS CORPORATION, |) | |
| an Illinois Corporation, |) | |
| Petitioner, |) | |
| |) | |
| |) | |
| v. |) | PCB 76-4 |
| |) | |
| |) | |
| ENVIRONMENTAL PROTECTION AGENCY, |) | |
| Respondent. |) | |

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

This matter comes before the Board upon Petition for variance by Intercontinental Alloys Corporation (Intercontinental) requesting relief from Rule 203(a) of the Air Pollution Control Regulations until installation of the air pollution control equipment in Intercontinental's facility located near Crest Hill, Will County.

Intercontinental was granted a variance from Rule 203(a) of the Regulations for their two aluminum melting reverberatory furnaces until January 1, 1976 (PCB 74-432). Under this variance Intercontinental was to have installed hooding ducts and blowers to collect and incinerate particulate emissions generated during charging and to have converted to the "Derham Process" to reduce emissions generated during chlorination. Petitioner alleges that it has incurred delays in implementing a compliance program and therefore seeks an extension of its variance until June 30, 1976 for furnace #2 and until September 1, 1976 for furnace #1.

Agency investigation indicates that design problems and scarcity of materials are the cause of Petitioner's delay in completing their compliance schedule. At this time furnace #2 is being modified and is expected to be fully controlled by March 31, 1976. It is expected that a 30-90 day testing and debugging period will be necessary to initiate the "Derham Process". The Agency in their recommendation points out that since furnace #1 will be shutdown upon completion of the modifications of furnace #2, the facility should be in compliance with Rule 203(a) by June 30, 1976 at the latest.

In 1975 the average geometric mean for total suspended particulates at the Joliet Rivals Park monitoring station located approximately two miles south of Petitioner's facility was 77 ug/m³. Although this is slightly above the national primary ambient air quality standard of 75 ug/m³, the Board does not find so small a variance from the standard to be determinative in this case.

The Agency, finding satisfactory progress to have been shown and that compliance is imminent, recommends Intercontinental be granted variance from Rule 203(a) until June 30, 1976 subject to certain conditions. Upon review of the record the Board agrees with the Agency recommendation and will grant Intercontinental variance from Rule 203(a) until June 30, 1976.

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

Mr. Dumelle dissented.

ORDER

It is the Order of the Pollution Control Board that:

Intercontinental Alloys Corporation be granted variance from Rule 203(a) until June 30, 1976 subject to the following conditions:

- (a) Petitioner shall continue submitting monthly reports to the Agency detailing progress made toward final compliance with Rule 203(a).
- (b) Within 90 days of this Order Petitioner shall obtain all necessary construction permits from the Agency.
- (c) Within 90 days of the completion of installation of the control equipment for each furnace, Petitioner shall obtain all necessary operating permits from the Agency.
- (d) Within 45 days of the completion of installation of the control equipment for each furnace, Petitioner shall have a particulate stack test conducted on that furnace using procedures described in U.S. EPA Method 5 by an approved independent testing company. Petitioner shall notify the Agency in writing at least 10 days prior to the testing and shall allow Agency personnel

to witness all tests and review all results.
Written notification shall be made to:

Environmental Protection Agency
Division of Air Pollution Control
Field Operations Section
1701 South First Avenue
Maywood, Illinois 60153

- (e) Within 35 days of the Board's final Order herein, Petitioner shall execute and forward to the Control Program Coordinator, a Certification of Acceptance and agreement to be bound to all terms and conditions of the variance. 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 76-4 hereby accept said Order and agree to be bound by all of the terms and conditions thereof.

Signed by _____

Title _____

Date _____

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Opinion and Order were adopted on the 6th day of May, 1976 by a vote of 4-1.

Christan L. Moffett
Christan L. Moffett, Clerk
Illinois Pollution Control Board