

ILLINOIS POLLUTION CONTROL BOARD
March 13, 1975

NATIONAL CASTINGS DIVISION,)	
MIDLAND ROSS CORPORATION,)	
)	
Petitioner,)	
)	
vs.)	PCB 74-486
)	
ENVIRONMENTAL PROTECTION AGENCY,)	
)	
Respondent.)	

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

Midland Ross Corporation requests extension of a variance previously granted in PCB 73-531 for its National Castings Division. In PCB 73-531 Petitioner was granted variance from Rule 203(a) (particulates) of the Air Pollution Control Regulations until December 31, 1974 for the purpose of installing air pollution control equipment. Extension of that variance is sought until March 15, 1975.

Petitioner operates a 400 tons per week steel foundry in Melrose Park, Cook County, Illinois. Equipment at this foundry includes a 20 ton electric arc furnace, two core sand mullers, four core ovens, four mold sand mullers, a shakeout operation, a sand reclaimer, and related sand handling and finishing equipment. Stack tests indicate that particulate emissions from the shakeout operation are 54.8 lbs./hr. Under Rule 203(a) Petitioner is allowed 21 lbs./hr. of particulate emissions. All other processes at this facility are reported to be adequately controlled.

In order to bring the shakeout process emissions into compliance, Petitioner is installing an American Air Filter Type Roto-clone. Under terms of the prior variance, this control project was to have been completed by December 31, 1974.

Initially, Petitioner reported that a fan essential to the operation of the control equipment, which was scheduled for delivery in late November 1974, would not be delivered until the end of December 1974. This would have necessitated a corresponding delay in start-up.

In the Amended Petition for Variance, a further delay in delivery of the fan until January 10, 1975 is reported, and after the filing of the Amended Petition Petitioner advised that delays in equipment delivery had caused a further delay in completion of the project until February 17, 1975.

An Agency investigator visited the foundry on January 21, 1975. He found that all major components of the control system (roto-clone, 200 hp motor and fan, pump for roto-clone and electrical switch boxes) were on site at the facility. Side hoods and connecting duct work had not yet been installed.

Petitioner's Superintendent of Maintenance and Engineering advised the Agency investigator that installation of duct work which connects the roto-clone to the fan and installation of the fan's exhaust stack would begin on January 22, 1975. Installation of the side hoods and duct work, which can only be done when the system is shut down, was scheduled for February 14, 1975. Installation of a final side hood was to be completed over a weekend shutdown. Total system start-up was to be February 17, 1975.

The Agency recommends approval of this short variance extension. It is the opinion of the EPA that Petitioner has acted with reasonable diligence within the prior variance time period. The Board is aware of numerous delays in equipment delivery now being experienced by companies seeking to achieve compliance. The delays were beyond the control of Petitioner and the variance will be granted.

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 Midland Ross Corporation is granted variance from Rule 203(a) of the Air Pollution Control Regulations for its National Castings Division foundry at Melrose Park, Illinois until March 15, 1975 for the purpose of installing and testing air pollution control equipment designed to achieve compliance with Rule 203(a). This variance is subject to the following conditions:

1. Petitioner shall apply for and obtain all necessary permits for the installation and operation of pollution control equipment.
2. Petitioner shall execute an extension of the performance bond required pursuant to the Board Order in PCB 73-531. The bond shall be in a form acceptable to the Environmental Protection Agency and shall

assure installation and operation of the control equipment within the term of the variance. The bond shall be mailed to: Fiscal Services Division, Illinois EPA, 2200 Churchill Road, Springfield, Illinois 62706.

3. Within 30 days after completion of the air pollution control program, Petitioner shall have performed a stack test. Results of the stack test shall be submitted to the Environmental Protection Agency as soon as they are available to Petitioner. Petitioner shall notify the Agency five days prior to the stack test indicating the time and place of said test and shall allow Agency personnel to observe said test if they so desire.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Opinion and Order was adopted this 13th day of March, 1975 by a vote of 4 to 0.

Christan L. Moffett