

stack, would be approximately 1 ppm (hourly average). The Agency agrees with this calculation. The national and Illinois one-hour standard is 35 ppm and the maximum eight hour concentration is 9 ppm, not to be exceeded more than once per year.

Both Monsanto and the Agency state there have been no complaints regarding the facility and Monsanto's plant is located in a highly industrial area with no other known major stationary sources of CO nearby. However, CO is odorless and not detectable without instruments.

Monsanto is disposing of the waste carbon monoxide by incinerating it in a gas-fired boiler. Orders were placed in June, 1973 for a flame arrestor to prevent flashbacks from the boilers into the 4-NPDA process. The Agency approved operating and construction permits in July, 1973. Monsanto began construction of the project in September, 1974. Due to equipment delays Monsanto was unable to install the equipment necessary to complete the project in order to come into compliance with Rule 206 by December 31, 1973.

Because Monsanto has proceeded in good faith to achieve compliance with Rule 206(c) of the Air Pollution Regulations and the minimal degree of environmental degradation, the Board has decided to grant the requested variance subject to the conditions recommended by the Agency.

This Opinion constitutes the Board's findings of facts and conclusions of law.

ORDER

The Board hereby grants Monsanto Company a variance from Rule 206(c) until April 30, 1974 subject to the following conditions:

1. Monsanto shall report to the Agency upon completion of the incinerator;
2. Monsanto shall stack test the incinerator to insure compliance with Rule 206(c). Such tests shall be performed with Agency representatives notified in advance and within 30 days after April 30, 1974. A copy of the stack test report shall be forwarded to the Agency within 30 days of the completion of the test.

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Opinion and Order were adopted on the 25th day of April, 1974 by a vote of 5-0.


Christan L. Moffett, Clerk
Illinois Pollution Control Board