ILLINOIS POLLUTION CONTROL BOARD June 28, 1973

| SWIFT EDIBLE OIL COMPANY, |) |
|----------------------------------|--------------|
| Petitioner, |) |
| V. |) PCB 73-168 |
| ENVIRONMENTAL PROTECTION AGENCY, |) |
| Respondent. |) |

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

Petitioner filed its request for variance with this Board on April 26, 1973. Petitioner's Champaign, Champaign County facility processes soybeans, marketing feeds and soybean oil. After drying, the soybeans are cracked, classified and flaked before passing through a hexane oil extractor. Petitioner's request for variance concerns its white flake cooler. This item is a rotary kiln cooler.

This cooler is handling desolventized, solvent extracted soybean flakes at an average rate of 7,500 lbs/hr, using 5,800 fm of ambient air to cool the flakes to an acceptable storage temperature. The existing control equipment is a high efficiency cyclone (Carter-Day HV 51). The emission from this cyclone is 10 lbs/hr. The allowable emission is 9.9 lbs/hr. The emission is particulate matter composed completely of soy dust.

Petitioner proposes to replace this cyclone with a high energy centrifugal separator which will have an emission of 1 lb/hr, putting this source well within the limitations of Pollution Control Board Regulations, Chapter 2: Part II, Rule 203(a). Petitioner expects to have this new equipment fully operational by December 15, 1973. The variance request is to cover the time necessary to purchase and install the new collection system.

Although the current violation is only slightly over the allowance, the installation of this new equipment will significantly reduce emissions and also allow Petitioner to recapture a valuable product. The Agency has received no adverse comment from the public concerning this variance.

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

IT IS THE ORDER of the Pollution Control Board that Petitioner, Swift Edible Oil Company, be granted a variance to operate its white flake cooler until December 15, 1973 subject to the following conditions:

- 1. Petitioner shall submit progress reports to the Agency, in writing, on August 1, 1973, October 1, 1973, and December 1, 1973, indicating progress toward completion of the collection device on the white flake cooler; and
- 2. Petitioner shall notify the Agency, in writing, upon completion of the project.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, certify that the above Opinion and Order was adopted by the Board on the 3 to 6.

Christian S. M. Sett