

ILLINOIS POLLUTION CONTROL BOARD
February 9, 1984

IN THE MATTER OF:)
VOLATILE ORGANIC MATERIAL)
EMISSIONS FROM STATIONARY) R82-14
SOURCES: RACT III)

PROPOSED RULE. FIRST NOTICE.

ORDER OF THE BOARD: (by J. Theodore Meyer)

The attached text is adopted by the Board in this matter for First Notice in accordance with Section 5.01 of the Administrative Procedure Act (Ill. Stat. 1981, ch. 127, par. 1005.01). Included in the text are rules pertaining to the use of Volatile Organic Material (VOM) in processing food products under a new Subpart M; and the use of VOM in the petroleum dry cleaning industry, amending Subpart Z.

These proposed rules are to be published in the Illinois Register for First Notice with the corresponding amendments to the Table of Contents for 35 Ill. Adm. Code 215. The text of these proposed rules will not be published in the Board's Opinion volumes. The Board's rationale concerning these amendments will be incorporated into a future Opinion addressing the entire rulemaking.

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify that the above Order was adopted on the 9th day of February, 1984 by a vote of 7-0.


Christan L. Moffett, Clerk
Illinois Pollution Control Board

SUBPART M: FOOD PRODUCTS

Section 215.340 Viscose Exemption

The provisions of Subpart K shall not apply to the manufacture of regenerated cellulose casing using carbon disulfide in the viscose process.

Section 215.342 Soybean Oil Processing

The owner or operator of a hexane extraction soybean crushing facility which would emit volatile organic material in excess of 100 tons per year in the absence of pollution control equipment or enforceable operating permit limitations shall not cause or allow emissions to exceed:

- a) More than 0.0026 lbs of volatile organic material per pound of conventional soybean crushed, and
- b) More than 0.0052 lbs of volatile organic material per pound of specialty soybean crushed.

Section 215.343 Corn Oil Processing

The owner or operator of a hexane extraction corn oil facility which would emit volatile organic material in excess of 100 tons per year in the absence of control equipment or enforceable operating permit pollution limitation shall not cause or allow emissions to exceed more than 2.2 gal of volatile organic material (VOM) per ton of raw corn germ processed.

Section 215.344 Recordkeeping For Vegetable Oil Processes

- a) The owner or operator of sources subject to Sections 215.342 and 215.343 shall maintain inventory and product records sufficient to calculate:
 - 1) The total daily quantity of conventional soybean crushed and VOM loss from inventory for those sources.
 - 2) The total daily quantity of specialty soybean crushed and VOM loss from inventory for those sources.
 - 3) The total daily quantity of raw corn germs processed and VOM loss from inventory for those sources.

- b) The Agency shall have access to records required under this Section upon reasonable notice.

Section 215.345 Compliance Determination

Compliance with the allowable emissions per process shall be determined by inventory loss of VOM used in each type of extraction process as reported in accordance with Section 215.344.

Section 215.346 Compliance Dates and Geographical Areas

- a) Except as otherwise stated in subsection (b), every owner or operator of an emission source subject to Sections 215.342 through 215.345 shall comply with the standards and limitations of this Part by December 31, 1985.
- b) If an emission source is not located in one of the counties listed below, the owner or operator of the emission source shall comply with the requirements of Sections 215.342 through 215.345 no later than December 31, 1987;

<u>Bond</u>	<u>Madison</u>
<u>Clinton</u>	<u>McHenry</u>
<u>Cook</u>	<u>Monroe</u>
<u>DuPage</u>	<u>Montgomery</u>
<u>Greene</u>	<u>Morgan</u>
<u>Jersey</u>	<u>Randolph</u>
<u>Kane</u>	<u>Sangamon</u>
<u>Kendall</u>	<u>St. Clair</u>
<u>Lake</u>	<u>Will</u>
<u>Macoupin</u>	

(Board note: Eight of these counties are proposed to be designated as nonattainment by the USEPA at 47 Fed. Reg. 31588, July 21, 1982)

- c) Notwithstanding subsection (b), if any county is designated as nonattainment by the USEPA at any time subsequent to the effective date of this Section, the owner or operator of an emission source located in that county or any county contiguous to that county who would otherwise be subject to the compliance date in subsection (b) shall comply with the requirements of Sections 215.342 through 215.345 within one year from the date of redesignation but in no case later than December 31, 1987.

Section 215.347 Compliance Plan

- a) The owner or operator of an emission source subject to Section 215.346(a) or (b) shall submit to the Agency a compliance plan, pursuant to 35 Ill. Adm. Code 201, Subpart H, including a project completion schedule where applicable, no later than December 31, 1984.
- b) The owner or operator of an emission source subject to Section 215.346(c) shall submit a compliance plan, including a project completion schedule within 90 days after the date of redesignation, but in no case later than December 31, 1986.
- c) Unless the submitted compliance plan or schedule is disapproved by the Agency, the owner or operator of a facility or emission source subject to the rules specified in subsections (a) or (b), may operate the emission source according to the plan and schedule as submitted.
- d) The plan and schedule shall meet the requirements of 35 Ill. Adm. Code 201, Subpart H, including specific interim dates as required in 35 Ill. Adm. Code 201.242.

SUBPART Z: DRY CLEANERS

Section 215.607 Petroleum Dry Cleaners

The owner or operator of a petroleum solvent dry cleaning facility shall:

- a) Vent the entire dryer exhaust system through a properly functioning condenser system or equally effective control device so that at least 81 percent of the vapors that would otherwise be released will be captured and controlled.
- b) Use only new filtration cartridges in all filtrations of solvent used in the petroleum solvent dry cleaning facility.
- c) Drain all filtration cartridges at least 8 hours in equipment designed to contain and capture vapors before disposal.
- d) Operate distillation units in accordance with the manufacturers instructions and:
 - 1) Still boildown shall be undertaken after the flow rate of condensed liquid between the condenser and moisture separator has been reduced 75 percent or more.
 - 2) Still boildown shall continue until the flow rate of condensed liquid between the condenser and moisture separator has been reduced at least 75 percent from that of the start of the still boildown.
- e) Follow good housekeeping practices to minimize fugitive solvent emissions including but not limited to: storage of solvent in vapor tight containers or unnecessary exposure of solvent containing material.

Section 215.608 Exemption for Petroleum Dry Cleaners

The provisions of Subsections 215.607(a) through (e) shall not apply to petroleum solvent dry cleaning plants whose emission of emission of volatile organic material does not exceed 100 tons per year in the absence of pollution control equipment or whose emissions of volatile organic material as limited by the operating permit will not exceed 100 tons per year in the absence of pollution control equipment.

Section 215.609 Testing and Monitoring

- a) Compliance with Section 215.607 (a), (b), (c) and (e) shall be determined by a visual inspection; and
- b) Compliance with Section 215.607(a) and(d) shall be determined by methods or procedures approved by the Agency.

Section 215.610 Compliance Dates and Geographical Areas

- a) Except as otherwise stated in subsection (b), every owner or operator of an emission source subject to Sections 215.607 through 215.609 shall comply with the standards and limitations of this Part by December 31, 1985.
- b) If an emission source is not located in one of the counties listed below the owner or operator of the emission source shall comply with the requirements of Sections 215.607 through 215.609 no later than December 31,1987:

<u>Bond</u>	<u>Madison</u>
<u>Clinton</u>	<u>McHenry</u>
<u>Cook</u>	<u>Monroe</u>
<u>DuPage</u>	<u>Montgomery</u>
<u>Greene</u>	<u>Morgan</u>
<u>Jersey</u>	<u>Randolph</u>
<u>Kane</u>	<u>Sangamon</u>
<u>Kendall</u>	<u>St. Clair</u>
<u>Lake</u>	<u>Will</u>
<u>Macoupin</u>	

(Board Note: Eight of these counties are proposed to be designated as nonattainment by the USEPA at 47 Fed. Reg. 31588, July 21, 1982)

- c) Notwithstanding subsection (b), if any county is designated as nonattainment by the USEPA at any time subsequent to the effective date of this Section, the owner or operator of an emission source located in that county or any county contiguous to that county who would otherwise be subject to the compliance date in subsection (b) shall comply with the requirements of Sections 215.607 through 215.609 within one year from the date of redesignation but in case later than December 31, 1987.

Section 215.611

Compliance Plan

- a) The owner or operator of an emission source subject to Section 215.610(a) or (b) shall submit to the Agency a compliance plan, pursuant to 35 Ill. Adm. Code 201, Subpart H, including a project completion schedule where applicable, no later than December 31, 1984.
- b) The owner or operator of an emission source subject to Section 215.610(c) shall submit a compliance plan, including a project completion schedule within 90 days after the date of redesignation, but in no case later than December 31, 1986.
- c) Unless the submitted compliance plan or schedule is disapproved by the Agency, the owner or operator of a facility or emission source subject to the rules specified in subsection (a), (b) or (c) may operate the emission source according to the plan and schedule as submitted.
- d) The plan and schedule shall meet the requirements 35 Ill. Adm. Code 201, Subpart H including specific interim dates as required in 35 Ill. Adm. Code 201.242.