

ILLINOIS POLLUTION CONTROL BOARD
June 14, 1984

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


ADOPTED RULE. FINAL ORDER.

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

The attached text which amends Parts 211 and 215 of the Board's regulations for air pollution is adopted by the Board as final, the First Notice version having been adopted on February 9, 1984 and published in the February 24, 1984 Illinois Register (8 Ill. Reg. 2407), and the Second Notice version having been adopted on May 3, 1984 and the Joint Committee on Administrative Rules having issued a Certificate of No Objection on June 12, 1984. An Opinion in accordance with Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1983, ch. 111½, par. 1027) shall be forthcoming at the conclusion of this rulemaking.

IT IS SO ORDERED.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above Order was adopted on the 14th day of June, 1984 by a vote of 6-0.



Dorothy M. Gunn, Clerk
Illinois Pollution Control Board

Section 211.122 Definitions

"Conventional Soybean Crushing Source": Any hexane extraction soybean crushing equipment that uses direct contact steam for desolventizing and producing toasted soya meals.

"Specialty Soybean Crushing Source": Any hexane extraction soybean crushing equipment using indirect steam heat in flash or vapor desolventizers as the primary method of desolventizing and producing specialty solvent extracted soy flakes, grits or flour.

"Volatile Organic Material": Any organic material which has a vapor pressure of 17.24 kPa (2.5 psia) or greater at 294.3°K (70°F). For purposes of 35 Ill. Adm. Code 215.442 through 215.444, volatile organic material means any organic material which has a vapor pressure of 10.34 kPa (1.5 psia) at 294.3° K (70°F). For purposes of 35 Ill. Adm. Code 215.181 through 215/184, 215/445 through 215.451, 215.204 through 215.209, 215.340 through 215.345, 215.401 through 215.404, 215.461 through 215.464 and 215.601 through 215.603 volatile organic material means any organic material which has a vapor pressure greater than 0.013 kPa (.0019 psia) at 294.3°K (70°). For purposes of this definition, the following are not volatile organic materials:

Methane
Ethane
1,1,1-Trichloroethane
Methylene chloride

Section 215.305 Viscose Exemption

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

SUBPART N: VEGETABLE OIL PROCESSING

Section 215.340 Hexane Extraction Soybean Crushing

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

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

Section 215.342 Hexane Extraction Corn Oil Processing

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

Section 215.344 Recordkeeping For Vegetable Oil Processes

- a) The owner or operator of sources subject to Section 215.340 and 215.342 shall maintain daily records of solvent storage inventory, and conventional and specialty soybean crush or raw corn germ. Each day the total decrease in solvent storage inventory, and total conventional and specialty soybean crush or raw corn germ for the previous 180 days shall be calculated.
- b) The Agency shall have access to records required under this Section upon reasonable notice.

Section 215.345 Compliance Determination

- a) Each day, the owner or operator of sources subject to Section 215.340 shall calculate the sum of:
 - 1) total conventional soybean crush for the previous 180 days, in pounds, multiplied by 0.0026, plus
 - 2) total specialty soybean crush for the previous 180 days, in pounds, multiplied by 0.0052.
- b) Each day, the owner or operator of sources subject to Section 215.342 shall calculate the sum of the total raw corn germ processed for the previous 180 days, in tons multiplied by 2.2.
- c) If such sum is less than the total decrease in solvent storage inventory over the previous 180 days, then the provisions of Section 215.340 or 215.342, whichever is applicable, shall be deemed to have been exceeded.

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 215.340 through 215.345 shall comply with the standards and limitations of those Sections 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 215.340 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>DeKalb</u>	<u>Montgomery</u>
<u>DuPage</u>	<u>Morgan</u>
<u>Franklin</u>	<u>Pope</u>
<u>Greene</u>	<u>Randolph</u>
<u>Jackson</u>	<u>Saline</u>
<u>Jersey</u>	<u>Sangamon</u>
<u>Johnson</u>	<u>St. Clair</u>
<u>Kane</u>	<u>Union</u>
<u>Kendall</u>	<u>Washington</u>
<u>Lake</u>	<u>Will</u>
<u>Macoupin</u>	<u>Williamson</u>

(Board note: The USEPA noted in its redesignation rulemaking, that it will publish a rulemaking notice on Williamson County's attainment status. (45 Fed. Reg. 21949, May 16, 1983) Should Williamson County be redesignated as attainment prior to December 31, 1984, it and the counties contiguous to it will be considered deleted from the above list.)

- c) Notwithstanding subsection (b), if any county is redesignated 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 215.340 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, 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 within 90 days after the date of redesignation, but in no case later than December 31, 1986.
- c) The owner or operator of an emission source subject to Section 215.346(c) shall not be required to submit a compliance plan if redesignation occurs after December 31, 1986.
- 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.