

ILLINOIS POLLUTION CONTROL BOARD  
December 20, 1990

INDIAN REFINING, )  
 )  
 Petitioner, )  
 )  
 v. ) PCB 90-241  
 ) (Provisional Variance)  
 ILLINOIS ENVIRONMENTAL )  
 PROTECTION AGENCY, )  
 )  
 Respondent. )

ORDER OF THE BOARD (J. Marlin):

This matter comes before the Board on receipt of an Agency Recommendation dated December 20, 1990. The recommendation refers to a request from Petitioner, Indian Refining for a 30-day provisional variance from the sulfur dioxide (SO<sub>2</sub>) limitation, as set forth in 35 Ill. Adm. Code 214.162, for the period December 15, 1990 to January 5, 1990. This provisional variance follows one granted the Petitioner on November 8, 1990 for the same matter from November 15, 1990 to December 15, 1990.

Indian Refining is refurbishing its mothballed Lawrenceville refinery and wishes to startup production. Upon inspection, Indian Refining found that the sulfur recovery unit was extensively corroded. This will render the sulfur recovery unit incapable of startup with the FCC and alky plant. Each day of delay in startup would cost Indian Refining an economic loss of \$130,000. If granted this provisional variance, Indian Refining would reduce crude sulfur levels to 0.6 percent by weight and replace residual oil firing with natural gas. The provisional variance would limit Indian Refining's maximum SO<sub>2</sub> emissions to a daily average of 2400 pounds per day, the maximum level of emissions otherwise allowable under 35 Ill. Adm. Code 214 for normal plant operations. The use of natural gas and crude sulfur limitation would offset the increased emissions resulting from not running the sulfur recovery unit.

Upon receipt of the request, the Agency issued its recommendation, finding that due to unforeseen, temporary and uncontrollable circumstances, failure to grant the requested 30-day provisional variance would impose an arbitrary or unreasonable hardship on Petitioner. The Agency recommends a grant of the provisional variance with certain conditions.

The Board hereby grants Petitioner a provisional variance from 35 Ill. Adm. Code 214.162 from December 15, 1990 to January 5, 1990, with the following conditions:

1. Indian Refining shall make operational changes that

will reduce crude sulfur levels to 0.6 percent by weight and replace residual oil firing with natural gas;

2. Indian Refining's sulfur dioxide emissions shall not exceed a daily average of 2400 pound per hour;

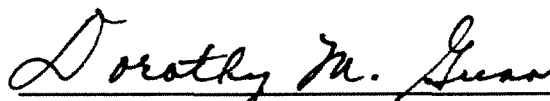
3. Indian Refining shall submit a written report, indicating the total hours of operation, daily average sulfur dioxide emissions, and the highest level of sulfur dioxide emissions during any hour of operation, and forward it to the Agency within three days of the end of each calendar week addressed as follows:

Regional Manager  
Division of Air Pollution Control  
Illinois Environmental Protection Agency  
2009 Main Street  
Collinsville, Illinois 62234

IT IS SO ORDERED.

J. Dumelle dissented.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, do hereby certify that the above Order was adopted on the 20<sup>th</sup> day of December, 1990, by a vote of 6-1.



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Dorothy M. Gunn, Clerk  
Illinois Pollution Control Board