

ILLINOIS POLLUTION CONTROL BOARD  
June 16, 1983

IN THE MATTER OF )  
SULFUR DIOXIDE EMISSION )  
LIMITATIONS: RULE 204 OF ) R80-22 (Docket B)  
CHAPTER 2 ) (Winnetka)

INTERIM ORDER OF THE BOARD (by J.D. Dumelle):

The record in this proceeding indicates some local problems with smoke, fumes, or odors. (R.1070, 1075, 1089-1094, 1102-3, 1238-9, 1245.) However, insufficient information is available to determine the origin of these odors. Furthermore, should it be established that they emanate from the power plant, it is unclear whether or not the use of Illinois high-sulfur coal aggravates or reduces the problem. Therefore, the Board asks that the participants, especially the Petitioner and the Illinois Environmental Protection Agency (Agency) supply the following information.

During the one year period prior to, and during the period of the Petitioner's operating permit issued April 20, 1982 and expiring on January 20, 1983:

- 1) How frequently and on which dates did "soot blowing". i.e. tube cleaning, occur at the Tower Plant?
- 2) How often and on which dates were stack tests conducted?
- 3) What other changes in the plant's daily operations such as an increase in production, fuel switch, etc., or malfunctions have taken place and on which dates? Could they have created odors?
- 4) How many citizen complaints were received about the plant's operations?
- 5) Were these complaints forwarded to the Agency?

The Board also asks that copies of these complaints, if any, be provided.

The participants are also requested to evaluate whether the use of Orient #4 coal in Boiler No. 8 significantly changes the plant's operations and if so, to what extent. Finally, an evaluation should be made as to whether these alterations create or aggravate odor incidences and if so, where the odors emanate from.

The Petitioner is to consider whether a reduction in the stack's diameter by means of a partition would increase exit velocity. Regardless of odor causation, the cost and feasibility of partitioning the existing stack for single boiler operation shall be presented. The plume rise attributable to increased stack gas velocity using a partition shall be computed.

Answers to these questions and the information requested should be provided within sixty days of this Order. If necessary, an additional public hearing on the same may be ordered by the Board.

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify that the above Interim Order was adopted on the 16<sup>th</sup> day of June, 1983 by a vote of 4-0.

  
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Christan L. Moffett, Clerk  
Illinois Pollution Control Board