

ILLINOIS POLLUTION CONTROL BOARD  
March 7, 1974

ABEX CORPORATION, AMSCO DIV.,            )  
  )  
                  Petitioner,                )  
  )  
          vs.                                )    PCB 74-1  
  )  
ENVIRONMENTAL PROTECTION AGENCY,        )  
  )  
                  Respondent.                )

ORDER OF THE BOARD (by Mr. Seaman) :

The Recommendation of the Environmental Protection Agency regarding the above-captioned variance proceeding states, in pertinent part, as follows:

The Agency recommends that the Variance be denied, or in the alternative, that it be granted subject to the following conditions:

2. Petitioner should exert maximum effort to obtain an outside supply of tungsten carbide to eliminate usage of the tungsten carbide electric furnace during the term of the requested variance.

3. Petitioner should be required to discontinue use of the electric furnace in the cast rod production area until control equipment is installed.

Paragraph 15 (p.5) of the Agency Recommendation is as follows:

15. Petitioner could purchase tungsten carbide for use in the manufacture of tube-type welding electrodes instead of producing it on-site. This would eliminate emissions from the tungsten carbide electric furnace. The availability of tungsten carbide, and the cost penalty to the company is unknown. As both the induction furnace and electric arc furnace are used in the manufacture of cast-type rod, it is possible the Petitioner could refrain from using the electric arc furnace until control equipment is installed. There is no known short term alternative to eliminate emissions from the pouring and shake-out operations. (Emphasis added).

In order to reach a reasoned decision, the Board will require additional information regarding the availability of tungsten carbide and the cost penalty and/or feasibility of its use in Petitioner's operation. Further, the Board will require an analysis of the effect of discontinuing the use of the subject electric furnace, since, from what little information we have before us, Petitioner's operation appears to be highly integrated.

Petitioner is granted seven (7) days from the date of this Order to file with the Agency and the Board such information as is relevant to the points detailed above. Any Agency reply to information submitted by Petitioner shall be filed with the Board on or before March 27, 1974.

IT IS SO ORDERED.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, certify that the above Order was adopted on this 7<sup>th</sup> day of March, 1974 by a vote of 5-0.

Christan L. Moffett