

ILLINOIS POLLUTION CONTROL BOARD
March 30, 1978

IN THE MATTER OF:)
)
PROPOSED AMENDMENTS TO) R75-10
RULE 207(a) (4-5) AIR POLLUTION)
CONTROL REGULATIONS)

ORDER OF THE BOARD (by Dr. Satchell):

On January 19, 1978 the Board adopted an opinion and a proposed order in this matter and authorized this for publication in the Illinois Register for the purposes of notice and public comment. No public comment has been received. The Joint Committee on Administrative Rules, pursuant to Ill. Rev. Stat. §§1001-1021 (1977), has reviewed this proposal. Since there are no objections or comments the Board will adopt the proposed change as previously published.

The following definition for "Coal Refuse" shall be added to Rule 201, of the Board's Chapter 2: Air Pollution Control Regulations:

Coal Refuse: Waste products of coal mining, cleaning and coal preparation operations containing coal, matrix material, clay and other organic and inorganic material.

Rule 207(a) (4-5) of the Board's Chapter 2: Air Pollution Control Regulations shall be amended to read as follows:

- (4) for solid fossil fuel firing, 0.7 pounds per million btu of actual heat input except the standard for nitrogen oxides does not apply when solid fossil fuel containing 25% by weight or more of coal refuse is burned in Southern Illinois Power Cooperative's Unit No. 4 at its Lake of Egypt Power Plant; and
- (5) for fuel emission sources burning simultaneously any combination of solid, liquid and gaseous fossil fuels,
 - (A) an allowable emission rate shall be determined by the following equation:

$$E = \left(\frac{0.3(P_g + P_i) + 0.7(P_s)}{P_g + P_i + P_s} \right) Q$$

where:

E = allowable nitrogen oxides emission rate
in pounds per hour,

P_g = per cent of actual heat input derived
from gaseous fossil fuel,

P_i = per cent of actual heat input derived
from liquid fossil fuel,

P_s = per cent of actual heat input derived
from solid fossil fuel, and

Q = actual heat input derived from all
fossil fuels in million btu per hour.

Note: $P_i + P_s + P_g = 100.0$

- (B) the standard for nitrogen oxides does not apply when solid fossil fuel containing 25% by weight or more of coal refuse is burned in combination with gaseous, liquid or other solid fossil fuel in Southern Illinois Power Cooperative's Unit No. 4 at its Lake of Egypt Power Plant.

It is so ordered.

I, Christan L. Moffett, Clerk of the Illinois Pollution Control Board, hereby certify the above Order was adopted on the 30th day of March, 1978 by a vote of 5-0.


Christan L. Moffett, Clerk
Illinois Pollution Control Board