

SIMULTANEOUS REDUCTION IN NO_x AND CARBON IN ASH FROM USING
MANGANESE IN COAL BURNERS

ABSTRACT

The present invention relates to an additive and method to simultaneously reduce both the carbon in ash and the NO_x production levels resulting from the combustion of coal by the use of at least one manganese-containing additive. Use of a manganese-containing additive in a coal burning utility furnace results in both a lower carbon in ash content and lower NO_x emissions.

(FIG. 1)