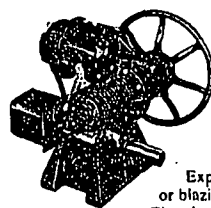
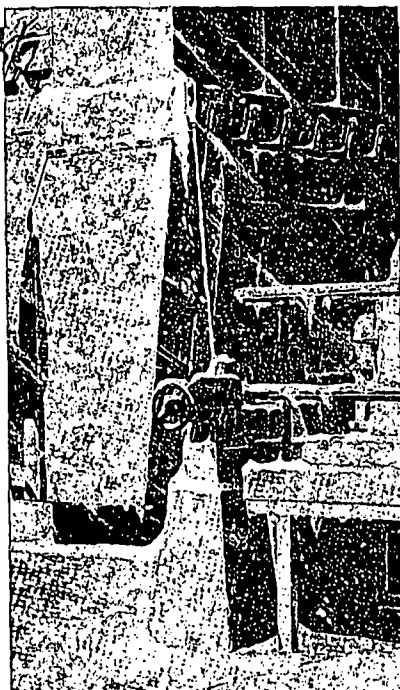


L&N ELECTRIC DRIVE UNITS OPERATE

"weather or not"



Exposed to ice, sleet or blazing sun, this L&N Electric Drive Unit provides indoor performance on outdoor applications. Because the drive unit is such a vital link in a combustion control system, the weather-free operation of Electric Drive Units is a real advantage for L&N Metermax Combustion Control on outdoor-type plants. In addition, the L&N Electric Drive Unit provides many more benefits which make it equally valuable for indoor applications. For example:

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Power

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POWER • JANUARY 1953



LIGNITE is a major fuel in the northern prairie states but it usually has been fired on grates. Thus special interest attaches to the new William J Neal Station of Central Power Electric Cooperative, where lignite is pulverized fired. Some 30 miles south-east of Minot, S. D., the plant is practically at mine mouth, receiving fuel by a short haul over a private railroad.

Cover photo shows another feature of the station—use of insulated stainless-steel curtain walls. Severe climate made it seem wise to enclose all equipment except high-tension switchgear. Thus, denied the savings possibilities of outdoor construction, the designers turned to this economical and easy-to-maintain enclosure to keep building costs to a minimum.

Next month . . .

■ Plenty of new ideas have been coming along in greases, fluid and solid lubricants. To get up to date quickly, scan our February lube roundup.

■ With reheat now standard practice for large central stations, we're ready to take a look at what may be the next step—double reheat. Next month Shannon and Selby give you results of a study comparing double reheat with the familiar single-reheat cycle.

■ How well vertical pumps perform depends to a large extent on inlet conditions. Tests on models prove an economical way of spotting inlet layout defects and correcting them.

■ Over at Charles Pfizer & Co, they're bursting with good ideas on electrical maintenance, as Associate Editor Jim O'Connor found out on a recent visit. In February he'll tell you how they design and select equipment to keep maintenance to a minimum, and then how they go about doing the needed work in the heat way.

. . . and future months

■ You've liked Sheppard T. Powell's articles on basic water-treatment processes, so you'll be glad to know that we have more on the way.