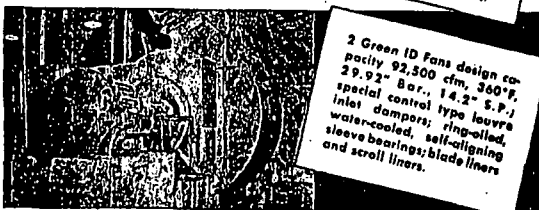
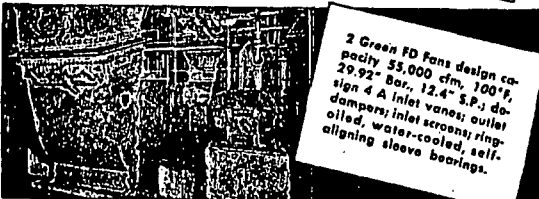




as they do at
Unit #1
Potomac Edison Co.
Riverton, Va.
Designed by Sanderson & Porter



2 Green ID Fans design capacity 92,500 cfm, 360" F, 29.92" Bar., 14.2" S.P.; inlet dampers; ring-oiled, sleeve bearings; blade liners and scroll liners.



2 Green FD Fans design capacity 53,000 cfm, 100" F, 29.92" Bar., 12.4" S.P.; 4 A inlet vanes; 100" F, dampers; inlet screens; outlet dampers; ring-oiled, sleeve bearings; self-aligning sleeve bearings.

The list grows—the list of utility and industrial steam generating plants for which Green Fans were selected to provide the air necessary for combustion purposes.

Draft fans yield to no other equipment in their importance to efficient steaming. They must be properly designed for the requirements in each plant respectively. They must be conservatively rated. And they must be durably constructed.

Green Fans fulfill these basic requirements. You wouldn't find them in so many large utility plants and large industrial plants unless they had thoroughly proved their worth.



Our Catalog No. 148 tells all about Green Fans. Write for a copy.

THE **GREEN**
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- Economizers
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V-Seal Packing

1007 • Series S-2500 vee-seal pressure responsive packing is made of Kelen-7 (a fluorocethylene resin). Manufacturer recommends it for valve stems, hydraulic cylinders, jacks, lifts and pumps.

Temperature range is from -110 to +500° F. Packing is said to be self-sealing and self-adjusting. Upon application of hydraulic pressure, seal expands against the stem box and inward against the stem for tight sealing.

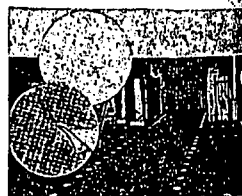
W S Shamban & Co., 11617 W Jefferson Blvd., Culver City, Calif.

Insulating Varnish

1068 • Heat-resistant insulating varnish, No. 180, is said to show no adverse effect on electrical applications when operating at temperatures as high as 180° C. It has clear color, excellent oil and moisture resistance, with a dry dielectric strength of 2100 v per mil, according to the manufacturer.

Irrington Varnish & Insulator Co., Sales Promotion Dept., Irvington, N. J.

For more data on these items, use postcard p. 183. Identify your request with item number.



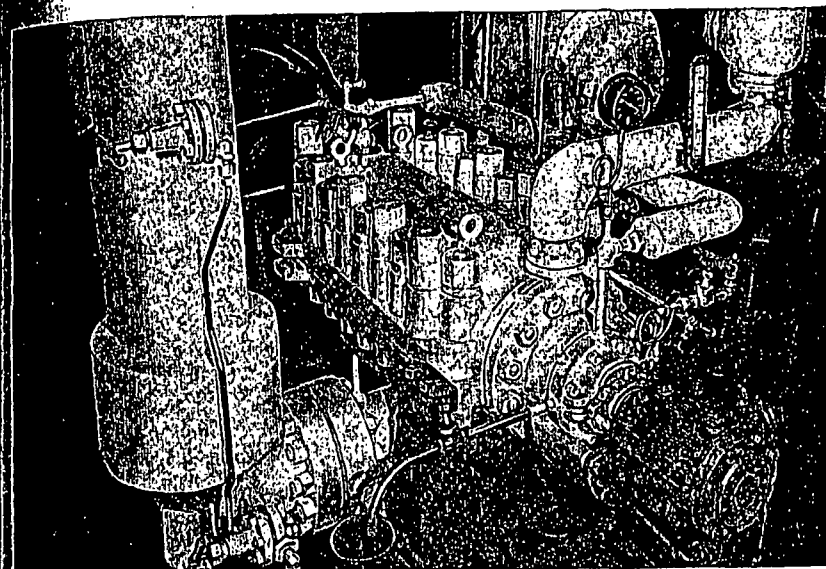
Self-Adhesive Markers

1030 • Self-adhesive alpha markers offer simplicity of installation, resistance to abrasion and common corrosives and high degree of visibility. Made of .005-in. thick plastic, they will not impede plant traffic. Stock circular markers are available in 1/2 to 5-in. dia, arrows in 2 to 5-in. diam. special sizes and shapes made to order.

W. H. Brady Co., 727 W Glendale Ave., Milwaukee 12, Wisconsin

100,000 HOURS

and not opened yet!



This Ingersoll-Rand High Pressure Boiler Feed Pump installed 15 years ago has never been opened for inspection... and it still meets capacity and pressure requirements.

The Ingersoll-Rand Class HT pump shown above was installed in 1938 at the Windsor Station, owned jointly by The Ohio Power Company (part of the American Gas & Electric Company) and the West Penn Power Company (in the West Penn Electric Company system). Since that time, it has operated for over 100,000 hours—pumping 1025 gpm of 380° F boiler feed water at

415 psi intake and 1900 psi discharge. Throughout this entire 15 year period, the casing and high pressure breakdown have never been opened for inspection.

There are five other I-R Class HT pumps at this station. Four of these have chalked up unopened service records of from 50,000 to 80,000 hours each.

These outstanding operating records are the result of competent pump operation and feedwater control on the part of the station's personnel—and the careful material selection and high standards of construction inherent in every I-R boiler feed pump.

For proved dependability in high pressure service, it pays to specify Ingersoll-Rand pumps.



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