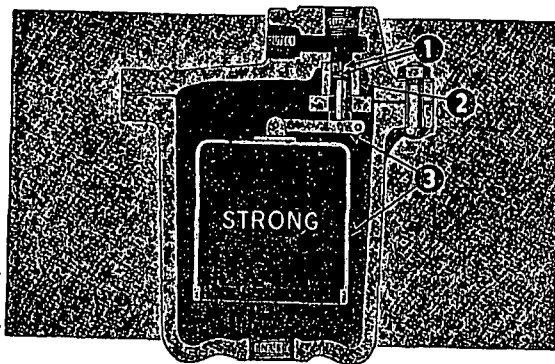


3 Reasons **STRONG*** Traps are easy to maintain!



Look for these three STRONG low-maintenance features in the STRONG 80 Series Inverted Bucket Trap:

1. Anum-Mell Valve and Seat—guaranteed leakproof for one year;
2. Bolted-in seat design—insures tight seal, easy servicing;
3. Stainless steel bucket and trim.

Compare these features with other traps! STRONG 80 Series Trap sizes $\frac{1}{4}$ " to $2\frac{1}{2}$ ", pressures to 250 lbs., temperature to 500° F. (forged steel for higher pressures).

Dual outlet simplifies piping, bottom inlet keeps trap cleaner. Years of trouble-free operation assured by super-STRONG construction.

Catalog No. 67 describes inverted, open bucket and other types of STRONG traps. Write today.

*Trade Mark Reg. U. S. Pat. Off.

STRONG, CARLISLE & HAMMOND COMPANY
1392 West 3rd Street
Cleveland 13, Ohio

Amum-Mell
Pat. Trade Mark

OTHER STRONG STEAM SPECIALTIES



Reducing Valve



70 Series Trap



Strainer

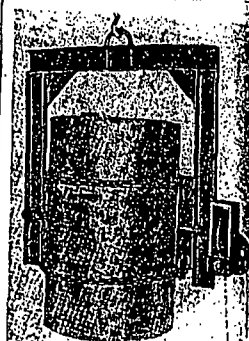
STRONG

New Equipment

(Continued from page 122)

fact that by shifting phase angle of voltage a proper amount, any watt-hour meter can be made to read kva hr. Thus if power factor of load is known to be about 85% shifting voltage by 30 deg causes watt-hour meter to read kva hr directly.

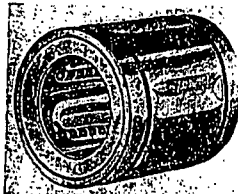
Five transformers are available: Type K-12 for 2-phase, 3-wire; K-13 for 3-phase, 3-wire; K-14 and 18 for 3-phase, 4-wire and K-17 for 3-phase, 4-wire delta connections. Westinghouse Electric Corp., Box 868, Pittsburgh 30, Pa.



Drum and Barrel Tilt

E94

DESIGNED TO SIMPLIFY material handling and eliminate hand dumping, this new drum and barrel tilt saves time in industrial plants. It is used for controlled dumping of chemicals, liquids, plastics, molding powder, scrap and glass. Tilt is built of welded structural steel, in sizes to suit requirements, and weighs about 125 lb. It is equipped with safety locking device that hold barrel without slippage. Barrel can be turned 360 deg by worm-gear turning mechanism. Palmer-Shille Co., Detroit, Mich.



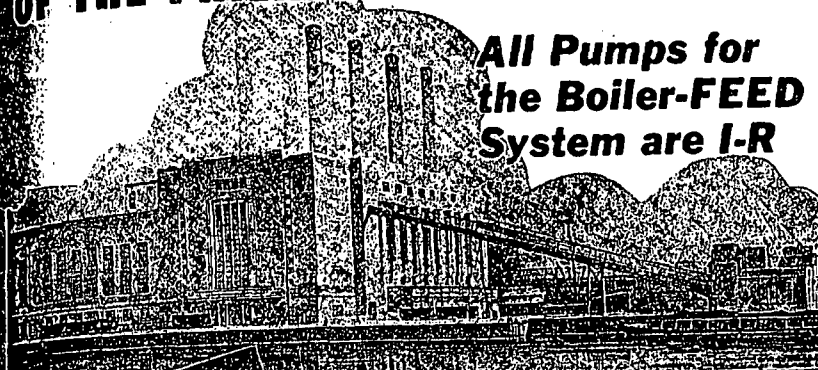
Linear Ball Bearing

E95

UNLIMITED-TRAVEL ball bearing is for linear or reciprocating motion. A self-contained unit, it has only three parts in addition to the balls. These include a sleeve made

AT THE NEW SOUTHWARK STATION OF THE PHILADELPHIA ELECTRIC CO.

All Pumps for the Boiler-FEED System are I-R

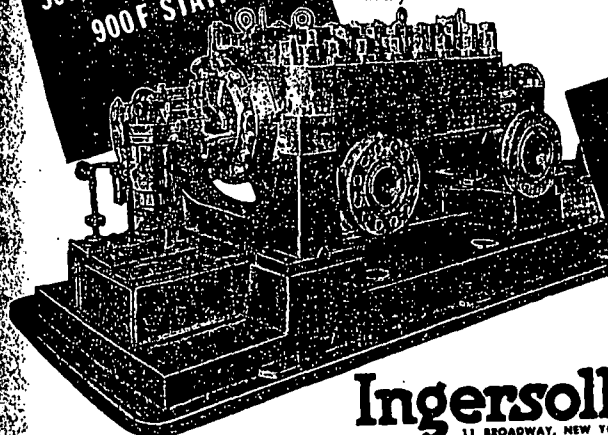


18 PUMPS
TOTALING 15,150 HP
Serve
300,000 KW, 850 PSI,
900° F STATION

The six high-pressure feed pumps are 2400 gpm, 770 psi total head (discharge pressure approximately 1275 psi). 7-stage units operating at 1750 rpm.... Low pressure units of the same general design are each 2000 gpm, 550 psi total head, 5-stage, 1750 rpm.... The six vertical condensate pumps are 2200 gpm, 130 ft total head, 860 rpm.

Other Ingersoll-Rand pumps in the station include those for hydrogen cooling, for boiler filling, for city water and for water-seal service. Two large synchronous motor-driven I-R compressors furnish the air for station service.

Our engineers will appreciate the opportunity of working with you.



COMPRESSORS
TURBO BLOWERS
OIL & GAS ENGINES
PUMPS
CONDENSERS
AIR TOOLS
ROCK DRILLS

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