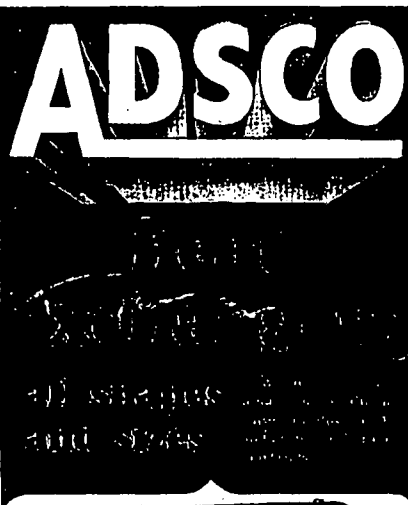
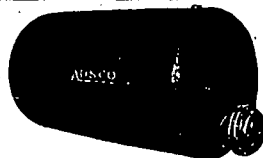




Storage Heaters



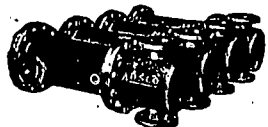
Steam Tube Type Instantaneous Heater



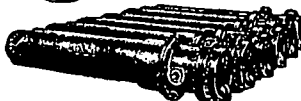
Float Head Type for various services



Swimming Pool Heaters



Suction Type Heaters



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New York, N.Y.

ADSCO
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Emery 4006
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WISCONSIN Milwaukee
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JANITORIA CAM
Venture 13-311
ONTARIO, CAN. Toronto
HARD 3146
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Lemo 1823
HAWAII Honolulu
4481
PUERTO RICO San Juan
3-0475
ARGENTINA Buenos Aires
Belarone 064
MEXICO Mexico City
19-46-08

S to R, voltage in the secondary coil has remained at zero. At point R all flux is going through the right-hand leg. From R down to T on the curve the flux decreases to zero, reverses and increases to T in a short time. This rapid flux change induces a sharp peak voltage in the secondary, as indicated by curve E. This voltage, when applied to the grid of a gas-filled tube, can control current flow through the tube to within one-thousandth part of a second. There are other constructions of these transformers but they all operate in the way described. The next article will deal with capacitors by themselves and in combination with reactors. Following this we will get back to electron circuits, beginning with rectifier operation.

London Station (Continued from page 128)

The deaerator will remain in operation even when the turbine is shut down to insure a supply of oxygen-free feed-water to banked boilers. Each unit will have two 100%-capacity boiler feed pumps running at 3000 rpm. They will be interconnected on suction and discharge; of four pumps, three will be motor driven and one steam-turbine driven. Cooling-Water System. For the first two units, four main circulating pumps are being provided, each rated at 25,700 gpm so any three can supply the full cooling-water requirements of the two units. The circulating-water circuit will be of the siphonic type. Inlet water will be drawn from the near side of the river and outlet water discharged to the far side to avoid recirculation under tidal conditions. Boiler Plant. The ultimate station will have eight 300,000-375,000-lb-per-hr boilers generating steam at 950 psig and 925 F. Full station steam requirements can be generated by six boilers operating at 93 1/4% of their maximum continuous rating. The boilers are designed to burn bunker C oil. Certain fuel oils may have undesirable characteristics causing fouling and slagging of the heating surfaces if they contain certain constituents in even small quantities. These deposits cannot be easily removed by normal methods of soot blowing and air lancing. But they are soluble in water, which enables the surfaces to be kept clean if washing means are ade-



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IT'S COMPACT Pump and motor are combined in one rigid cast iron frame. Fits easily into close quarters—is quickly installed as a "package," and operates in any position—no shafts to align. Just bolt it down, make power and pipe connections, and start pumping. Capacities 15 to 1400 gpm, heads to 300 ft.

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