

"GUNITE" Concrete

(since 1918)

Listings for

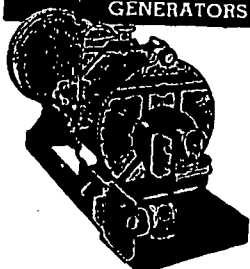
STEEL BUNKERS •
DUCTS, HOPPERS •
STACKS •
UPTAKES •
BREECHINGS •
STEEL & PIPE •
ENCASEMENT •
FIREPROOFING •

GUNITE CONCRETE & CONST. CO.

1301 Woodswether Road
KANSAS CITY 4, MO.

W. H. Towner, Dist. Mgr., 228 W. 1st St., St. Louis, Mo.
Chicago 1, Ill. S. H. Mueller, Dist. Mgr., 422 S. Dearborn St., Chicago 4, Ill.
Dallas 1, Tex. J. H. Smith, Dist. Mgr., 2122 Alameda St., Dallas 1, Tex.
Branch Offices: New Orleans, Dallas, Denver.

SUPERIOR STEAM GENERATORS



Fully automatic with any grade of oil. 17 sizes from 20 to 500 b.h.p. for pressures up to 200 p.s.i. Require no expensive chimney, supply their own induced draft. 80% thermal efficiency guaranteed. Write today for catalog 101.

Superior Combustion Industries, Inc.

1275 E. 12th St., St. Paul, Minn.

For more information, write to: Superior Combustion Industries, Inc., 1275 E. 12th St., St. Paul, Minn.

In a move to maintain current price levels just as long as costs will permit, apparatus dept. of General Electric Co. has announced a new price-protection policy. It provides for a 20% limitation on price increases. If any, and simultaneously permits the company on new orders to adjust prices within this ceiling to those in effect at time of shipment. The policy covers all orders received Dec. 5 and after, and applies to company's apparatus lines, such as motors, generators, switchgear, turbines, controls, power transformers, etc. Many of these product lines still have long backlogs, some up through 1950, and abnormal risks are involved in booking business that far ahead on a firm-price basis. In addition to imposing a ceiling of 20% upon any increases that may later be necessary on account of increasing costs, the new policy gives assurances that any price reductions made will be given immediately to open orders taken under this policy.

Construction of an addition that will double production capacity of New York State Electric & Gas Corp.'s 40,000-kw Greenidge generating station at Dresden will start in the spring, according to Ralph D. Jennison, president. The building program calls for construction of an extension 115 ft long, 155 ft wide and between 90 and 100 ft high at west end of Greenidge station. Installation of the new 40,000-kw turbine-generator will supplement the plant's two 20,000-kw units and increase the station's total generating capacity to 80,000 kw. The new unit was ordered in Jan. 1947, with delivery scheduled for Nov. 1949. It will go into operation early in 1950.

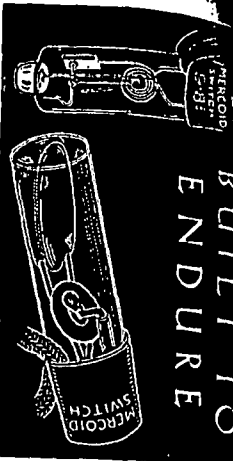
The installation at Greenidge station will include two steam boilers, each capable of producing 288,000 lb per hour at 650 psi and at 900 F. This is an increase in pressure and temperature characteristics over the existing units and will reflect an economy. The design of the completely watercooled furnaces will permit burning all grades of pulverized bituminous coal, which is another economy.

Greenidge station is linked with these company steam-generating plants: 30,000-kw Jennison station at Balabridge, where plant capacity will be doubled in 1950; 98,750-kw Westover station, near Birmingham; 23,500-kw Riverside station at Elmira and various hydro plants. It also will be connected with the 30,000-kw Hickling steam-generating station now under construction at East Corning.

Gilbert Associates, Inc., Reading, Pa., are the consulting engineers on the construction programs.

Southern Iowa Electric Cooperative, with headquarters in Bloomfield, Iowa, has awarded the contract for a 740-kw power-generating plant to R. V. Leary & Co., general contracting organization of Des Moines, Iowa.

Ohio State University announces establishment of a dept. of welding engineering. In College of Engineering at the university, the new dept. will offer undergraduate work leading to degree of Bachelor of Welding Engineering and advanced study for graduate engineers.



BUILT TO ENDURE

MERCURY SWITCHES
Mercury switches are the most advanced means for "making" and "breaking" an electrical circuit. They are not affected by dust, dirt or corrosion and have many definite applications where open contacts are not suitable. Various types available. MERCROID is your guarantee of the best in mercury switches. Further information sent upon request.
THE MERCROID CORPORATION, 4221 BELMONT AVE., CHICAGO 41, ILL.



HERE'S WHAT YOU CAN HAVE in your BOILER ROOM...

1. More steam from your present boiler.
2. Less fuel — coal — oil — gas — required.
3. Savings in maintenance whether you have a single boiler or battery of boilers.

HERE'S WHAT DOES THAT JOB FOR YOU

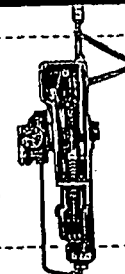
CASH STANDARD AUTOMATIC COMBUSTION CONTROL SYSTEMS

HERE'S HOW IT IS DONE!

CASH STANDARD FUEL FEED CONTROLLER

Automatically Regulates Fuel Feed

This CASH STANDARD Master Controller automatically regulates fuel feed. Located conveniently. Working from boiler pressure, it will adjust the rate of combustion by regulating the rate at which fuel (any kind of fuel) is supplied to the boiler furnace. And it will adjust the Air Flow Controller so the correct amount of air is supplied for proper combustion — hence, money saving.



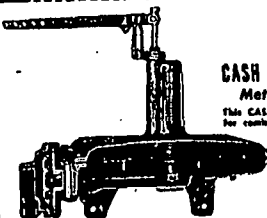
Bulletin No. 300 SHOWS APPLICATIONS ... TELLS HOW THE SYSTEM WORKS IN YOUR FAVOR Send for it

Tells about Correct fuel feed — Correct fuel-air ratio — Correct over-fire draft and how you get all three. It shows applications and how various CASH STANDARD Units can be made to meet any specific condition and work on any boiler or stoker with any kind of fuel.

CASH STANDARD AIR FLOW CONTROLLER

Meters the Air Needed for Combustion

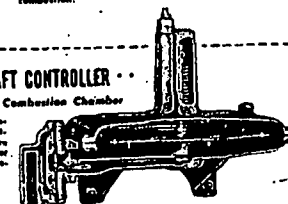
This CASH STANDARD Air Flow Controller meters the air needed for combustion. Installed in your ductwork, it is not affected by changes in fuel bed resistance or any other variable, because it meters air supply according to the differential pressure through the gas passages of the boiler, doing its part to insure perfect combustion.



CASH STANDARD FURNACE DRAFT CONTROLLER

Maintains a Constant Draft in the Combustion Chamber

This CASH STANDARD Furnace Draft Controller (which ranges complete with Operating Power Cylinder) works from over-fire draft, regulating the boiler uptake damper to maintain a constant draft in the combustion chamber.



A. W. CASH COMPANY
DECATUR, ILLINOIS

CASH STANDARD CONTROLS... VALVES