

SEARCHLIGHT SECTION

WANTED

Assistant Chief Engineer

Graduate Mechanical, Chemical or Civil Engineer with natural mechanical ability and excellent practical and supervisory and some construction experience for charge, under chief engineer, of all shops, foundry, mobile equipment, including loading, marine, railway and construction; maintenance and repair of all types equipment; \$600 KVA diesel generating plant.

Age not over 45. Three year contract with three months' paid vacation at completion contract and two 1-week local leaves after first year. Furnished house and partial utilities supplied free. Free transportation self and family. Hospital, medical and elementary schooling free. Non contributory pension plan. Report single status six months. Require complete record, education, employment and references; also marital status and nationality. Photograph optional. Location - Mediterranean. Large copper mine. Salary open.

P-9799, POWER
1111 Wilshire Blvd.
Los Angeles 17, Calif.

ELECTRICAL INSPECTORS WANTED

By the Tennessee Valley Authority for inspection of major electrical equipment and materials at manufacturing plants located in cities such as Philadelphia, Pittsburgh, Schenectady, and Milwaukee.

Work includes inspection of material and equipment during all stages of manufacture, witnessing factory tests, conferring with shop officials, and preparing necessary inspection and test reports. Some of the materials and equipment involved are generators, transformers, oil-circuit breakers, communication equipment, switches, insulators, and wire.

Persons with factory experience in inspection of electrical equipment and materials used in construction of hydro and steam electric generating plants are desired.

Entrance salaries are \$4575 and \$5450 a year for 40 hour week. Vacation, sick leave, and retirement benefits. Write to the

TENNESSEE VALLEY AUTHORITY
Division of Personnel, Knoxville, Tennessee

ATTENTION RETIRED POWER ENGINEERS

A well known company in the Philadelphia area is building a large addition to an existing high pressure steam-electric generating plant, and is interested in obtaining, on a temporary basis of approximately twelve months, several high caliber power plant operating engineers and one chief electrician who have been retired because of age but are still physically fit. The work will be in inspection during construction, and the chief electrician is checking the installation of high pressure boilers, turbine generators, auxiliaries, piping and electrical equipment.

Applicants must have extensive operating experience on high pressure modern power plants or Power Plant Superintendents, Assistant Superintendents, Chief Engineers or Chief Electricians. Only qualified operating engineers living in the Philadelphia area or within commuting distance of the job will be considered. Please submit detailed outline of past experience, jobs held, salaries received, and statement of age and physical ability. Include recent photo or snapshot if available. Do not apply unless your experience meets the requirements as outlined above.

P-9603, POWER
310 W. 42nd St., New York 36, N. Y.

(Continued from preceding page)
EXPERIENCED SWITCHBOARD OPERATOR would like operating job in control or substation. P.W. 4877, Electrical World.

ENGINEER-CHIEF-Plant-Maintenance graduate-several years heavy experience. Steam and electrical generation and distribution-refrigerating and air-conditioning etc. General plant Master Mechanic. Utility or industrial. Domestic or Foreign. "Engineer 331 W. Marquette Road, Chicago 31, Illinois.

STEAM PLANT Operating Engineer, Age 48, 11 years experience Modern steam plant operation. P.W. 4850, Power.

MASTER MECHANIC, 48, 30 years exp. installing, operating, servicing power plant and industrial equipment. Responsible for permanent position in modern power plant. P.W. 4816, Power.

SELLING OPPORTUNITIES WANTED

ESTABLISHED FIRM mechanical sales engineers, covering Southeastern States past 35 years, seeking additional products to sell power plants, water works, industrial, chemical plants, paper mills. Reply SA-4854, Power.

EXPERIENCED SALES ENGINEERS available. Engineering sales contacts frequently made for you on Southeastern trade by widely known mechanical graduates successfully operating. Our experience shows that calls make sales. RA-9734, Power.

RELATED ACCOUNTS wanted-valves, pipe fittings, pumps, packaged boilers, steam specialties, pressure or temperature instruments, power plant equipment, process piping products. Registered Mechanical Engineer, organizing sales agency Southern California. Offer background of successful selling with excellent contacts oil companies, industrial. RA-9848, Power.

PUMP LINE wanted by established manufacturers representative in New York City. Qualified pump engineers with excellent contacts chemical petroleum food industrial manufacturing and contracting fields. RA-9354, Power.

WANTED

ANYTHING within reason that is wanted in the field served by Power can be quickly located through bringing it to the attention of thousands of men whose interest is assured because this is the business paper they read.

LEGAL NOTICE

STATEMENT REQUIRED BY THE ACT OF AUGUST 14, 1935, AS AMENDED BY THE ACTS OF MARCH 9, 1937, AND JULY 1, 1947 (Title 18, United States Code, Section 238) SHOWING THE OWNERSHIP, MANAGEMENT, AND CIRCULATION OF Power published November 1 (issue in Sept.) at New York, N. Y., for October 1, 1947.

1. The name and address of the publisher, editor and business manager is: Publisher, McGraw-Hill Publishing Company, Inc., 1221 Avenue of the Americas, New York 20, N. Y.; Editor, Philip W. Smith, 330 West 42nd Street, New York 36, N. Y.; Managing Editor, Louis N. Dwyer, 330 West 42nd Street, New York 36, N. Y.; Business Manager, George Keeler, 330 West 42nd Street, New York 36, N. Y.

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McGraw-Hill Publishing Company, Inc.
By J. A. GIBLIN, Vice President & Treasurer
Signed and subscribed before me this 10th day of September, 1947.

ELVA G. MARLIN
(My commission expires March 20, 1951)

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No correspondence school bother. Nationally-known Chief Stationary Engineer Frederick C. Walker's 100-Question, 100-Answer Bulletin gives you the straight dope quick. Send \$3 to Walker & Collins, 524 Ashland Ave., Buffalo 22, N. Y. for first set today. Keep working. Save year.

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FOR SALE

1 Titusville Type Boiler
21 Scotch Marine, 100 lbs. Pressure
Safety valve set 100 lbs.
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4303 Madison Ave., West New York, N. J.

WANTED

CASH MONEY
WE BUY ELECTRIC SUPPLIES & MOTORS
• TRANSFORMERS • WIRE • CABLES
SEND LISTINGS
ALLIED ELECTRIC COMPANY
Box 103-1125 Feltz Bldg., Memphis, Tennessee

EQUIPMENT WANTED

2-steam boilers, approx. 350 H.P. each
1-steam-turbine generator, approx. 1000 H.P.
Above for use in lumber plant
CLAUDE T. McDONALD
8140-1st Ave., S., Birmingham, Alabama

GENERATOR WANTED

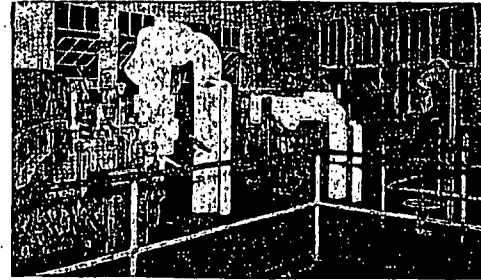
1000-2000 KW, 3600 RPM generator preferably 2400 V; De-rating load water heater; 7.5 inch O. D. Breakers 100 MVA interesting capacity.
Utility Equipment & Construction Co.
316 S. La Salle St., Chicago, Ill.

WANTED

2 SYNCHRONOUS MOTORS
1000 to 1500 HP, 360 RPM, for 4150 volt, 3 phase, 60 cycle, A.C. When replies, include complete name-plate data, including serial numbers. Write
W-9848, POWER
820 N. Michigan Ave., Chicago 11, Ill.

SEARCHLIGHT SECTION

2250 K.V.A. G.E. CONDENSING TURBINE GENERATOR



Above cut shows our 2250 KVA. General Electric Condensing Marine Type Turbine Generator. A Complete Machine with Condenser.

A HIGH EFFICIENCY UNIT
440# PSIG., 750° F.T.T.
CONDITION LIKE A NEW UNIT

SPECIFICATIONS

TURBINE		GENERATOR	
Manufacturer	General Electric	Manufacturer	General Electric
Capacity	2250 KVA Type PSN	Capacity	2250 KVA. Unity PF
Speed	3600 RPM	Speed	3600 RPM
Steam Pressure	440# psig., 750°FTT	Voltage	3/40/480 VWH wound for any standard voltage
Exhaust Pressure	2-in. Abs. H.G.	Exciter	110 Volts
Serial Number	62784	Serial Number	5678081

WATER RATES 440 psig., 750° F., 3600 RPM

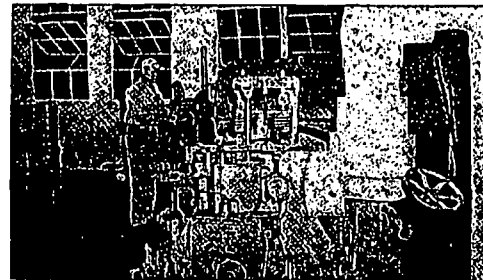
Full Load	2250 KVA	10.9 KWHR.
1125 Load	50% Load	12.0 KWHR.
1687 Load	75% Load	11.0 KWHR.

CONDENSER

Surface Type Capacity—3600 sq. ft.

INSPECTION REPORT BY GENERAL ELECTRIC WILL BE MAILED TO YOU UPON REQUEST. DRAWINGS AND COMPLETE DATA ARE AVAILABLE. WE HAVE SOLD A LARGE NUMBER OF TURBINES OF THIS SAME DESIGN. THEY ARE BUILT FOR LASTING SERVICE.

WE INVITE INVESTIGATION.



An End View of the 2250 KVA Unit

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We have a large stock of other turbines. Anything from 300 KW to 10,000 KW. Also boilers and diesel engines. Send us your specifications for anything wanted in power plant machinery.