POWER NEWS

BUSINESS ITEMS • APPOINTMENTS • FOREIGN FIELDS
WASHINGTON NOTES • NEW DEVELOPMENTS • CONVENTIONS

Elliott Receives Order For 40 Generators

▶ A CONTRACT of more than a million dollars to build 40 generators, each of 1100-kw capacity, was awarded recently to Elliott Co, Jeannette, Pa. These generators are to supply power for a new aluminum-producing plant of Aluminum Co of America at Point Comfort, Texas. They are for dc generation, but are provided with aliprings for an ac output of 150 kva. They will be driven by engines that are designed to operate on natural gas. The dc output of these generators will be used for reduction of alumina to aluminum by electrolysis. The ac output will be used to drive the auxiliaries, such as oil pump, water pump and scavenging blower, on the engines.

POWER Editorial Staff Moves Ahead

As part of a continuing program to provide greater technical service to its readers, James J O'Connor has been added to the POWER staff, and Joseph C McCabe and Thelma Domb have been assigned larger editorial responsibilities.

O'Connor will specialize on electrical subjects. A graduate in electrical engineering of New York University, he has had extensive practical experience in construction, operation and maintenance of electrical equipment. After three years installing equipment and wiring for industrial plants, O'Connor spent seven years in the power department of the Board of Transportation, City of New York. Here he gained wide experience in operation, maintenance and supervision of automatic substations and power plants supplying the subway system. His intimate knowledge of motors, generators, breakers, relays and instruments qualifies him to bring to POWER readers the practical electrical know-how they want. He is the author of the special section on circuit protection in this issue. John L King, who formerly handled electrical material, has transferred to the sales staff in the Chicago territory.

Known to our readers as the co-author of the current series on smoke-prevention, Joseph C McCabe has been promoted from assistant editor to associate editor in recognition of his demonstrated ability to assume full responsibility for major editorial projects. An electrical engineering graduate of Lehigh, McCabe has had experience in sales as well as an all-round background as an operator in high-pressure pulverized-fuel and low-pressure stoker-fired plants. He has run the gamut from oiler, coal passer, pump man, turbine tender and fireman, to supervision of meter maintenance, station feedwater treatment, and general operating procedures. He holds a Class A Gold Seal operating engineer's license in the state of New Jersey.

McCabe came to POWER in 1945 and has since specialized in the technical problems of steam generation, combustion, fuels, and industrial-power practice. He is now covering heating, ventilating and air conditioning, as well. For the past two years he has been largely responsible for compiling POWER's Buyer's Guide and the annual tabulations of new steam-plant installations.

Thelma Domb is a graduate of New York University and has been associated with POWER for seven and a half years, first on the business staff and, since 1943, on the editorial staff. As Editorial Assistant she assumed responsibility for the New Equipment, New Bulletins and News departments. Her conscientious and skillful handling

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JOSEPH C McCABE



THELMA DOMB



JAMES J O'CONNOR

COMING EVENTS

July 12-21 — National Mechanical Handling Exhibition, National Hall, Olympia, London, England. Journal Mechanical Handling, Dorset House, Stamford St, London, S E 1, England.

Aug 2-6—Building & Maintenance Supplies Exposition, Grand Central Palace, New York, N. Y. Arthur Tarshis, president, 36 W 47th St, New York 19, New York.

Aug 23-26—National Assn of Power Engineers, annual meeting, St. Paul Auditorium, St. Paul, Minn. A F *Thompson, secretary, 176 W Adams St, Chicago 3, Ill.*

Aug 24-27—American Institute of Electrical Engineers, Pacific general meeting, Davenport Hotel, Spokane, Wash. H H Henline, secretary, 33 W 39th St, New York 18, N. Y.

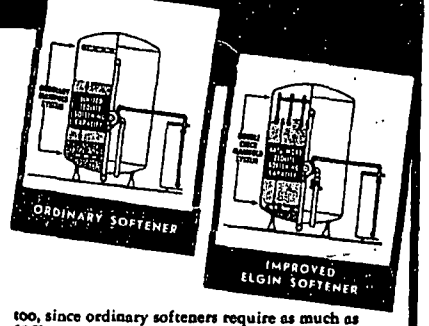
Sept 14-17—New England Water Works Assn, exhibits and technical meetings, Hotel Pennsylvania, New York, N. Y. Arthur T Clark, secretary-manager, Water and Sewage Works Mfrs Assn, 170 Broadway New York 7.

SEE FOR YOURSELF!
...how Elgin has revolutionized water softening

Prior to introduction of the improved Elgin, all zeolite water softeners were built basically like the ordinary unit here diagrammed. Note how the zeolite bed — the part that actually does the water softening — is comparatively shallow. This, in reality, was a compromise adopted as an attempt to limit the escape of zeolite during backwashing.

But now see how the present-day Elgin has changed the picture. By perfecting a new manifold system that prevents the escape of zeolite mechanically, Elgin has made it possible to utilize a far deeper zeolite bed. Coupled with the more efficient water distribution and zeolite regeneration made possible by this "Double-Check" Manifold, this deeper zeolite bed produces up to 44% more soft water output than can be delivered by an ordinary water softener of equal size. And this "Double-Check" principle is an Elgin development, fully protected by patents.

Obviously, in terms of soft water delivered, the Elgin way can reduce your original investment. It provides a more compact installation, too, since ordinary softeners require as much as 50% more space. And it keeps on saving over the years. The more thorough backwashing of the "Double-Check" system produces more zero-soft water per pound of salt, and keeps zeolite clean and active during a longer life. Prevention of zeolite loss means further economy.



THE IMPROVED ELGIN GIVES 44% MORE SOFT WATER



Modernize old softeners, too

Your old softener, no matter what make, can be stepped up this new Elgin way. The "Double-Check" Manifold plus Elgin High Capacity Zeolite can mean as much as 44% more soft water output, at surprisingly low cost.

The whole story is told in a new Bulletin that you will want to read. Ask for Bulletin 607. For hospitals, request Bulletin 608. For laundries request Bulletin 609.

Elgin

NEED THESE CHEMICAL TREATMENTS TOO?

Elgin Post Treatment for softened water guards against boiler corrosion.
"Elgex" Treatment prevents corrosion in steam and condensate systems.
Elgin Inhibitant Treatment prevents and eliminates scale in hard water lines.
Elgin Anti-Corrosion Treatment prevents corrosion in hot and cold water lines.

ELGIN SOFTENER CORPORATION
SOFTENERS • FILTERS • WATER TREATMENT • BOILER WATER CONDITIONING