

Published by Elliott Company POWERFAX is a magazine of information for engineers and operators of steam and electric power plants or in charge of industrial processes. More than 37,000 copies are distributed quarterly with the compliments of Elliott Company to its customers and friends. Address correspondence to C. W. Kallfus, Editor, Elliott Company, Jeannette, Pa.

POWERFAX

VOLUME THIRTY-TWO

NUMBER 1

New Publications

Bulletin N-18, Deaeration by Elliott. A new 24-page bulletin that covers fully the principles of deaeration.

Bulletins N-19, 8 pages, and N-20, 4 pages, cover respectively Elliott Tray-type, and Elliott Spray-type Deaerating Heaters.

Bulletin PB11000-1. Elliott Crocker-Wheeler Flexible Couplings—4 pages. Includes coupling dimensions and table for easy selection of proper size.

Bulletin H-21. "Fundamentals of Turbine Speed Control." A generously illustrated educational booklet on theory and operation of various types of speed control systems.

Bulletin PB6000-4, 2 pages, Elliott C-W Sealed-power Type TP taconite-dustproof Motors.

Bulletin Q-14A. Elliott Equipment for Power Plant and Industry—16 pages.

Powerfax Index

A new Powerfax index covering articles that have appeared in issues of the last three years is now available and will gladly be sent to you upon request.

Speakers

On January 6, R. N. Williams, manager of the centrifugal compressor department of Elliott Company, addressed the regular monthly meeting of the Pittsburgh Section of the American Institute of Chemical Engineers on the subject "Compressor Applications in the Chemical Industry."

Philip Scarola, Pittsburgh office, and C. C. Brandt, electrical department superintendent, Bethlehem Pacific Coast Steel Corp., Los Angeles, jointly presented a paper before the Western meeting of the AISE in Los Angeles during February. The subject was Bethlehem Pacific's combination bar and rod mill at Los Angeles.

H. Steen-Johnsen, chief turbine engineer of Elliott Company, spoke before the ASME Johnstown section, January 26.

J. A. Cameron, Elliott Company chief metallurgist, was on the program of the 15th annual conference of the National Association of Corrosion Engineers at Kansas City, Missouri on March 19.

CONTENTS FOR SPRING 1954

IN AMERICAN ENKA CORPORATION'S LOWLAND PLANT	4
THE REBEL WARRIOR	9
LONE STAR'S MODERN PIPE MILL	10
LION CHEMICAL PLANT INSTALLS TURBINE-GENERATOR	14
BEAVER CREEK SUBSTATION—KEY LINK IN NORTHEASTERN COLORADO TRANSMISSION SYSTEM	16
TOTALLY-ENCLOSED INERT-GAS OR INSTRUMENT-AIR-COOLED MOTOR	19
POWER MODERNIZATION AT DOWNTOWN PAPER COMPANY	20
UNDERGROUND GAS STORAGE AND THE OAKFORD STATION	24
TIRE PLANT REFRIGERATION TURBINE	26
ON THE JOB IN CUBA	27
STEAM JET EJECTORS IN THE MANUFACTURE OF ANTIBIOTICS	28
ELLIOTT GENERATOR IN MUNICIPAL PLANT	30
POWERCRAN	31

C-W General Manager

S. K. Hostetter, Jr., sales manager of the Crocker-Wheeler Division for the past year is now general manager of the division. Mr. Hostetter joined Elliott Company in 1934. Before going to the Crocker-Wheeler Division he had been in the Washington office, first as a field engineer and then as district manager for ten years.

Assistant District Manager

F. L. Humphrey, Jr., has been named assistant district manager in the Atlanta territory. Mr. Humphrey joined the com-

pany in 1938 after graduation from Georgia Tech as an electrical engineer. After training, he was assigned to the Atlanta office as a field engineer. In 1942 he entered the army and served four years, returning in 1946 to the Atlanta office.

New Orleans Office

A New Orleans office is now located at 256 Lee Circle Building, telephone Raymond 2662, to service southern Mississippi and Louisiana. It is staffed by G. C. Bayles as manager and C. W. Britt, Jr., both formerly in the company's Atlanta office.

District Office Men Meet

Powerfax readers might be interested in this group of Elliott Company district office men assembled at a recent meeting in Pittsburgh. Back row: Honefenger, St. Louis; Thayer, Cincinnati; Fox, Cleveland; Williams, Detroit; Crisman, Pittsburgh; Willcox, Houston. Front row: Hiller, Washington; Kinsel, Boston; McClure, Tulsa; Widau, Chicago; Dunn, San Francisco; Pahren, New York; Hoffman, Atlanta; Strickler, Pittsburgh; Lemmon, Philadelphia; Wilson, New York; Sievert, Kansas City.

