

FILE NAME: Foster Wheeler (FW)

DATE: 1952 Aug

DOC#: FW025

DOCUMENT DESCRIPTION: Published Advertisement in Trade Journal -
Power

power



PLAINTIFF'S
EXHIBIT

FW-83

Rewinding industry's workhorse: the 3-phase induction motor—113

20

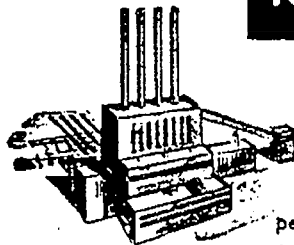


From the pioneering development in Superheaters to the

the trend in modern steam generator design

places the spotlight on ...

FOSTER WHEELER combination radiant and convection



Today's central station calls for larger unit sizes of turbines and boilers—higher steam pressures and temperatures—and optimum quality and performance. To provide steam in the quantity, pressure, temperature and purity demanded, increased emphasis falls upon the design and function of superheaters and reheaters. Their integration with other components of equipment and plant requires the high degree of skill and experience that comes only with years of leadership in the field.

Foster Wheeler's pioneering effort in steam generator design, as reflected in the following record of achievement, has led the way for every major development in the reheat cycle.

- 1902 — Superheated steam introduced commercially in the United States.
- 1904 — Convection superheaters standardized with cast iron extended surface rings applied to steel tubes. Bare tubes were later used with improved design technique and improved metal selection.
- 1919 — Radiant superheaters developed after long research and experimentation.
- 1924 — Water walls and water backs applied to many types of furnaces burning various fuels.
- 1926 — Radiant reheaters and radiant superheaters installed in one of the first large high pressure reheat units in the country.
- 1946 — First large steam generator installed in a central station to operate over a wide load range at 1000 F final steam temperature.

As a result of this 50 years' background of experience and leadership, each new steam generator can be depended upon to have Foster Wheeler's integrated quality and performance.

FOSTER WHEELER CORPORATION • 165 BROADWAY • NEW YORK

