

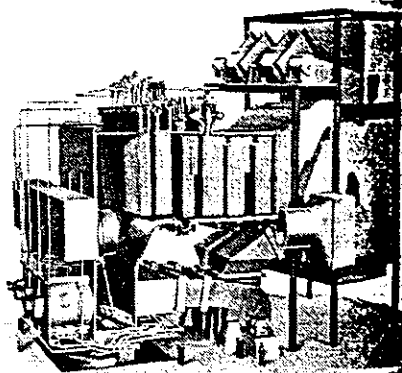
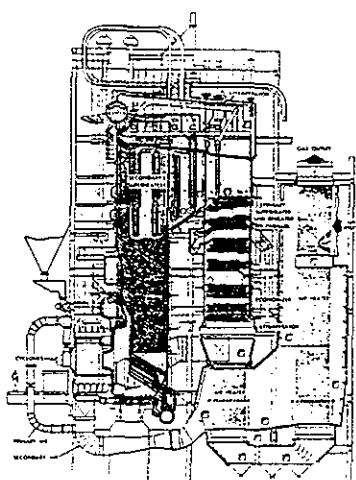
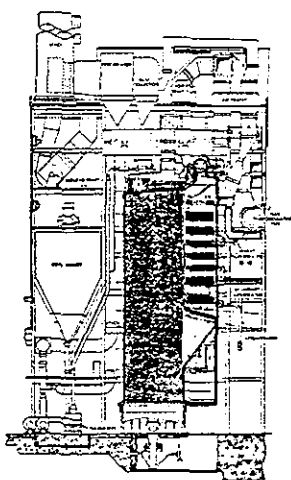
CENTRAL-STATION AND INDUSTRIAL BOILERS

PLAINTIFF'S
EXHIBIT

BAB-219

A SINGLE RESPONSIBILITY

An important advantage in the selection of B&W steam-generating equipment is the ability of The Babcock & Wilcox Company to furnish completely integrated units—from raw-coal feeders or fuel-oil pumps and heaters to breechings and stacks—to meet all the variations required by industrial plant practice and backed by the undivided responsibility of a single manufacturer.



B&W CENTRAL-STATION BOILERS

High-duty central-station boilers, manufactured by B&W since 1881, are available in a wide variety of designs—either slag-tap or dry bottom. Being unrestricted as to capacity, steam characteristics, or method of firing, B&W engineers can recommend the unit that best meets individual customer requirements. High availability with low operating and maintenance costs characterizes B&W installations in the nation's largest power plants. The boiler shown (left) is a vertically-fired radiant boiler with a pressurized, dry-bottom furnace. Steam capacity is 1,335,000 lb per hr at 2075 psi and 1050 F, with reheat to 1050 F. Design pressure is 2400 psi. It is pulverized coal fired with eight B&W pulverizers. It is one of two units installed in the Kanawha River Plant of Appalachian Elec-

tric Power Co. on the American Gas and Electric System.

The B&W Radiant Boiler illustrated (center) is one of the two units in operation at the Rock River Plant of Wisconsin Power and Light Co. Each unit produces 525,000 lb per hr at 1500 psi with steam temperature of 1005 F and reheat to 1005 F. The units are pressurized and each is equipped with three B&W Cyclone Furnaces.

Currently under construction at the Phillips Plant of Ohio Power Company on the American Gas and Electric System is B&W's Universal Pressure Steam Generator, the first commercial supercritical pressure unit (right). It has a design pressure of 5500 psi, delivering steam to the turbine at 4500 psi and 1150 F. There will be two stages of reheat.

Power

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