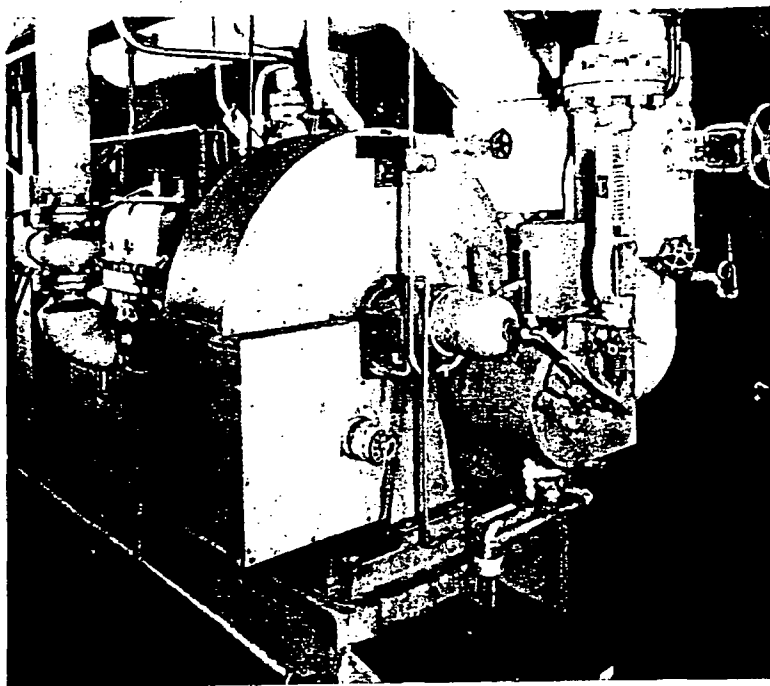




*One of the two 400-gpm boiler-feed pumps is driven by this Elliott 200-hp steam turbine, equipped with a built-in pump governor. The other boiler-feed pump is motor driven.*

system is installed, together with facilities for burning fuel oil in the event of loss of coal supply. Water treatment is provided by a hot-process lime, soda, and phosphate system, with oil removal filters for conditioning of returned condensate from the mills.

In 1950 the Downingtown Paper Company decided to proceed with the second phase of its steam and electric power program and install the electric-generating system. After a careful study an order was placed with the Elliott Company for one 2500-kw noncondensing turbine-generator, one 2500-kw condensing-extraction turbine-generator, and one 3000-sq ft surface condenser and auxiliaries. The units were designed for inlet steam at 400 psig, 650 F, with the exhaust from the noncondensing unit and the extraction from the condensing unit arranged to discharge directly into the plant's 150-psig steam distribution system. The noncondensing unit is provided with back-pressure control and the con-

*The induced-draft fans are driven by an Elliott 90-hp steam turbine through Elliott speed-reduction gears.*

