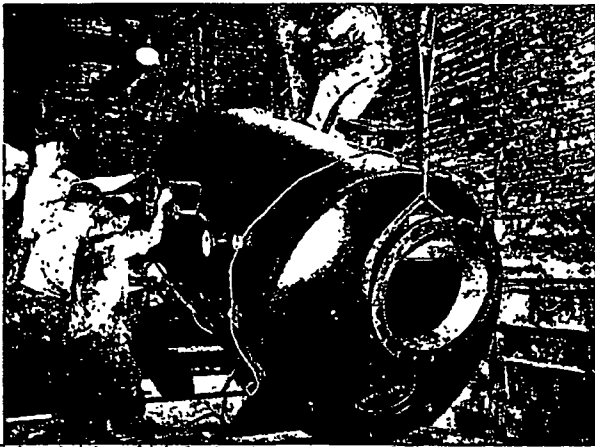
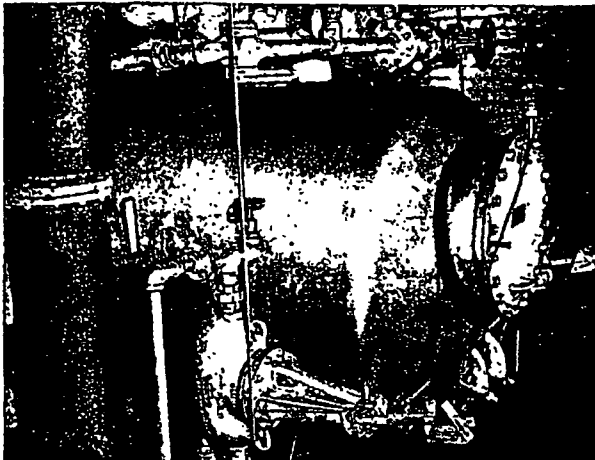


● The photographs show how an Elliott 100,000-lb-per-hr horizontal deaerating feedwater heater was manipulated in through a window to replace an older heater in the plant of the Western Massachusetts Electric Company, Pittsfield, Mass.

This company, organized in 1906, operated for a few years as a Diesel plant. In 1910 they installed two boilers and a 750-kw turbine-generator unit. In 1913, a 1000-kw turbine-generator unit was added, and in 1917 a 2500-kw unit and additional steam generating capacity. In 1922, a 5000-kw condensing turbine-generator was added and is still available for service to supplement power generation capacity at other stations in the system.



Installing a deaerating heater



The Pittsfield Electric Company combined with other companies in Western Massachusetts in 1923 and became known as the Pittsfield Electric Company Division of Western Massachusetts Companies. Later, all divisions were combined into one company, presently known as Western Massachusetts Electric Company.

While the 5000-kw turbine is only operated during peak load or emergency periods, the station is used for supplying heating steam to the business section of Pittsfield. The Elliott deaerating heater, therefore, is constantly in service.

