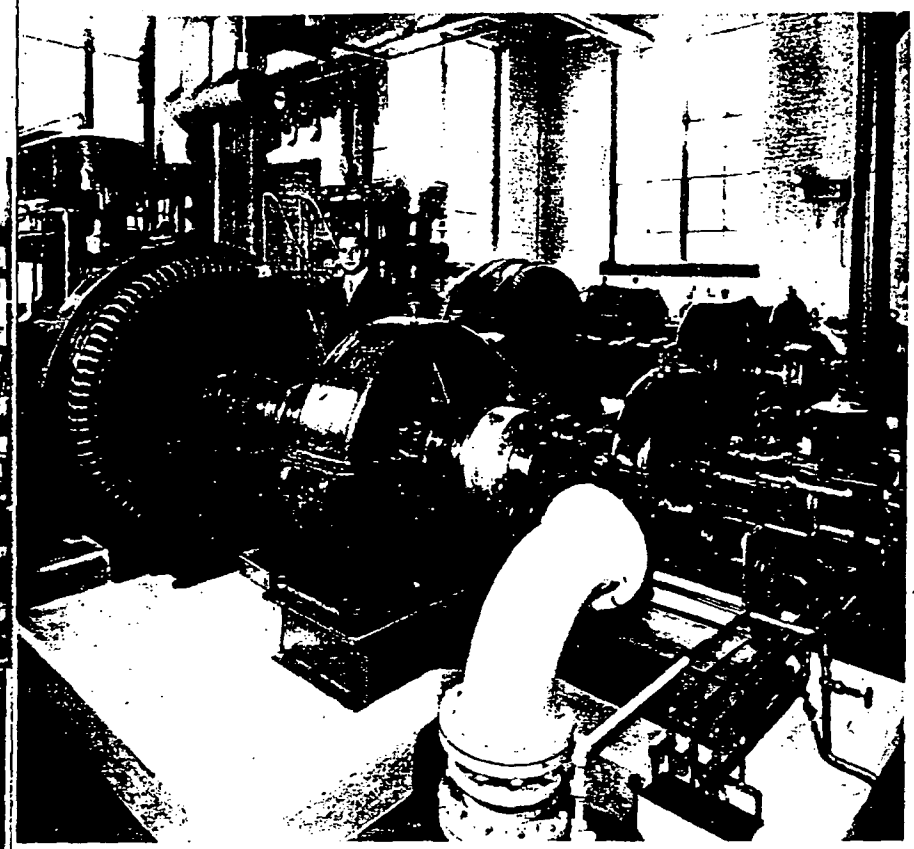
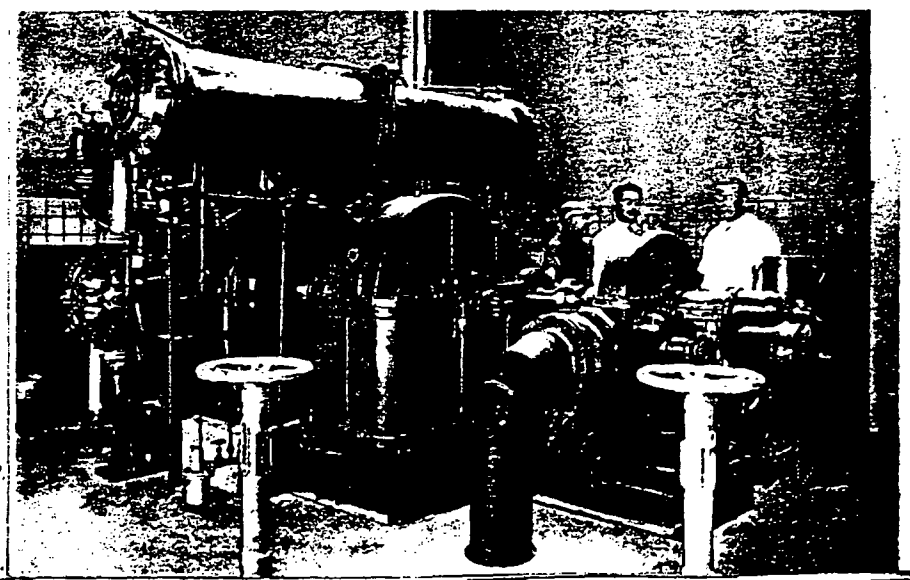


This unusual installation of dual n geared turbine drives on two Frick twin-cylinder, single-acting ammo. pressors is located in the Gr Brothers Brewery in St. Louis. Tl drive arrangement was decided order to have a stand-by turbine case of electrical failure. The brew this additional expenditure for dua on the compressors was justified to their brewery stock. These turbine are also used when indicated by the heat balance.

The compressor unit in the for shows an Elliott 195-hp, 3000-rpm driving through a gear reduction uni is coupled to an Elliott 200-h chronous motor with a quick dis coupling. The motor shaft is i coupled to the compressor shaft. interesting to note that when the turbine is driving through the mot motor rotor acts as a flywheel f system.

As additional protection agains trical failure, an Elliott 300-kw tu generator has been installed to insure ing and also to run one of the synch motors. This turbine-generator can b behind the second compressor drive.

THE GEARED TURBINE AS A RECIPROCATING COMPRESSOR DRIV



This Elliott 308-hp 3600-rpm geared turbine is driving a Joy 600-rpm compressor in a Belgian manufacturin plant. Elliott field service supervisor, Frank Shray, standing at right, was sent to this plant to place the equipme in proper running order and to instruct personnel in proper operating procedur