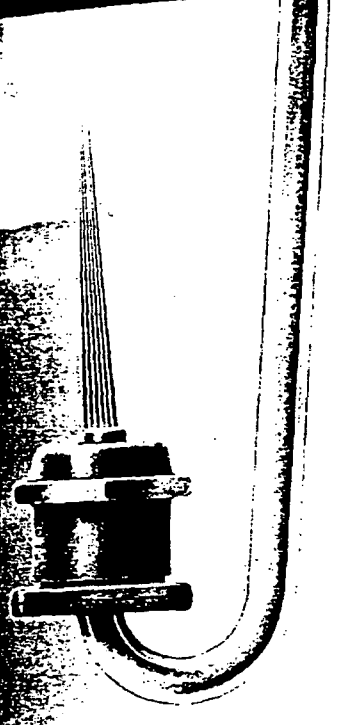
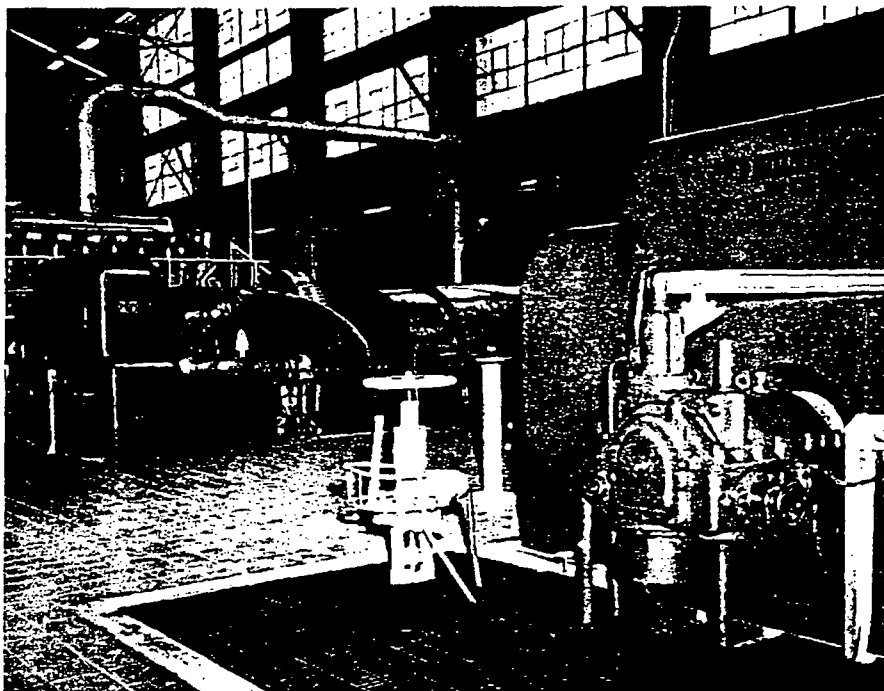




The gold and platinum spinneret might be called the heart of the process of spinning or extruding viscose into rayon filament. The viscose is pumped into a glass tube and extruded at the other end through this thimble-like spinneret, which is perforated with any number of holes from 18 to 720 microscopically small holes of from two- to three-thousandths of an inch in diameter. The spinneret, in operation, is immersed in a spinning bath of dilute sulphuric acid and various salts.

thousands of people. In America, the rayon production of rayon has rocketed from 97 million pounds in 1928 to one and a quarter billion pounds in 1953.

In 1928 a group of far-visioned businessmen founded the American Rayon Corporation with an eye to introducing their Dutch process for making "artificial silk." The name "Rayon" was derived from the initial "R" of the mother Dutch company, Rayon'sche Kunstzijdefabriek, pronounced "Ka" in Dutch). The company is now operating more than 50 rayon plants in these industrial



Above and below are the three Elliott 5000-kw turbine-generator units which can operate straight condensing or condensing extraction at 20 psig to process. The steam conditions are 400 psig, 720 F, exhausting to 2 in. Hg absolute.

