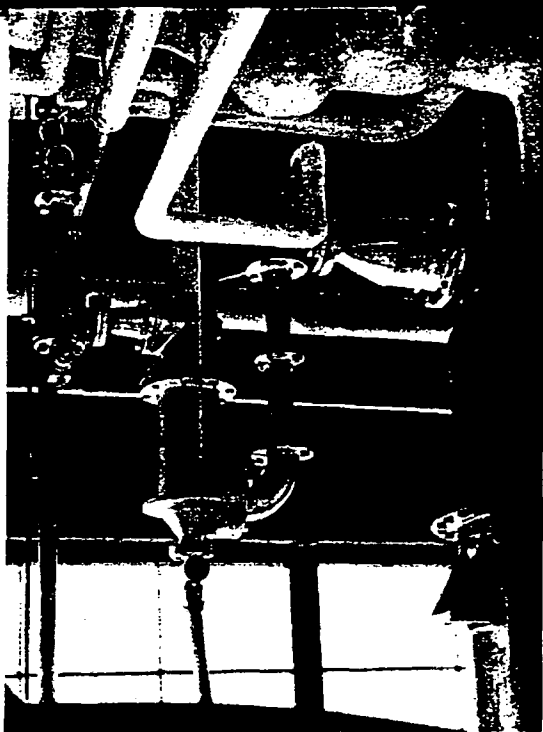
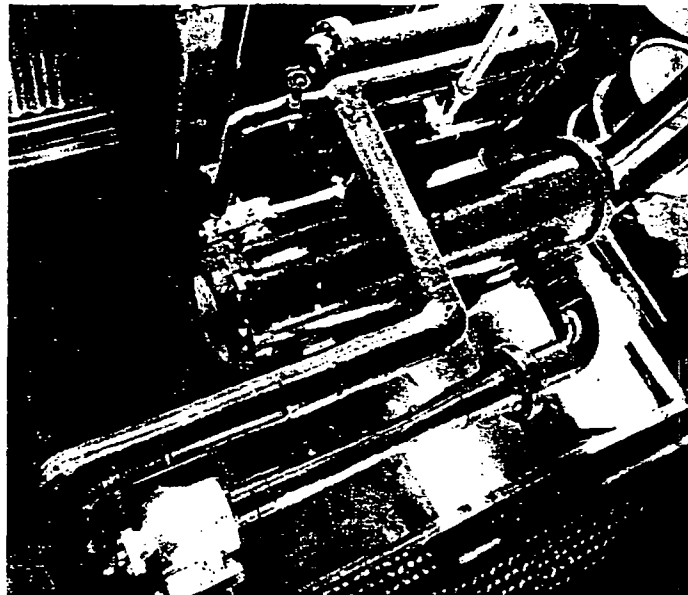




Looking down on a three-stage ejector with surface-type inter- and aftercondensers. The first- and second-stage ejectors are clearly shown while the third stage is out of the picture at the top. This ejector unit serves a still designed to handle a variety of solvents.

This two-stage steam jet ejector with jet-type intercondenser serves the barometric condenser at the right. This equipment operates with an auxiliary booster and a recompressor booster (not shown in the photograph) to serve a large evaporator handling large quantities of water vapor. The two different boosters and large barometric condenser can be used in various combinations to take advantage of seasonal variation in cooling-water temperature. Since only water is evaporated in the still this equipment serves, there is no need to use a surface-type condenser.



ELLIOTT GENERATOR IN MUNICIPAL PLANT

TO keep pace with its always-increasing needs of electric power, the town of Woodsfield, Ohio, must add to the generating capacity of its power house. Most recent unit is this Elliott 600-kw, 327-rpm generator driven by a Superior 875-hp, dual-fuel, diesel engine. This unit carries the entire day load, which peaks at around 520 to 560 kw, while two smaller diesel-generators handle the night load which averages about 170 kw. In the past, when one of the industrial plants served by the system came on the line, lights would dim throughout the community, but since the installation of this unit, oncoming loads are picked up without disturbance to the system's voltage. Good economy is recorded.

