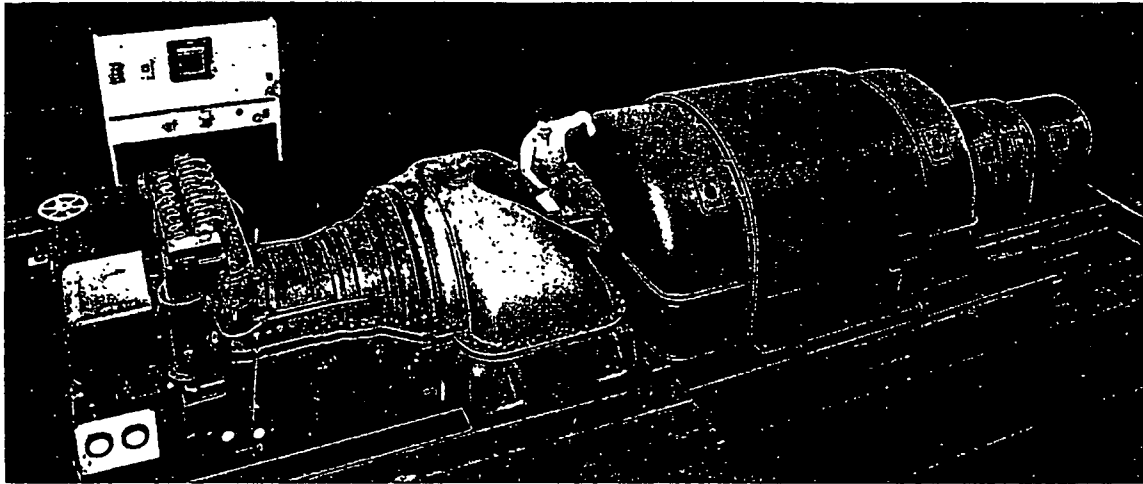




Dress Rehearsal for 11,500 kw

● This 11,500-kw turbine-generator unit is going through its paces on the Elliott test floor before shipment to an important southern utility plant for outdoor installation. It is one of a number of similar Elliott units, several of larger capacity. The turbine (which will later be heat-insulated and streamline-jacketed) operates on 600-psi, 825 F steam and has four uncontrolled extraction points for feedwater heating.

exhausters that never grow tired

● These two Elliott turbine-driven, multi-stage centrifugal blowers are at work on a 24-hour non-stop round-the-calendar schedule in a large coke and by-products plant. There can be no time out or

vacations on their job as coke-oven exhausters and boosters. They must continuously remove carbon monoxide gas from the ovens to prevent it from collecting in dangerous quantities. And they must keep on boosting the gas to other process equipment so that production schedules are maintained. The capacity of this team is 50,000,000 cu ft of gas daily. The normal speed of the units is 3800 rpm. The turbines, which are rated 700 hp each, operate on 1500-psi superheated steam. The units have been in service since 1944. Once a year they are shut down for inspection.

