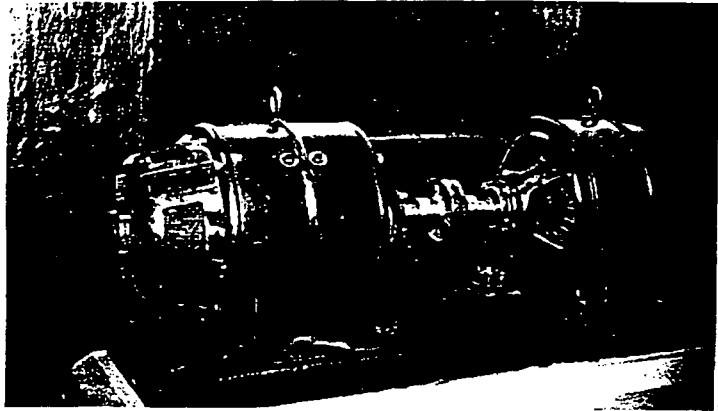
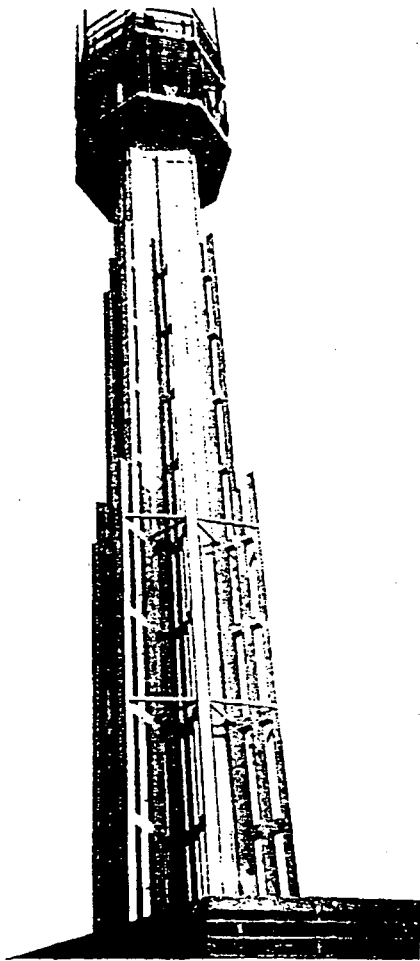
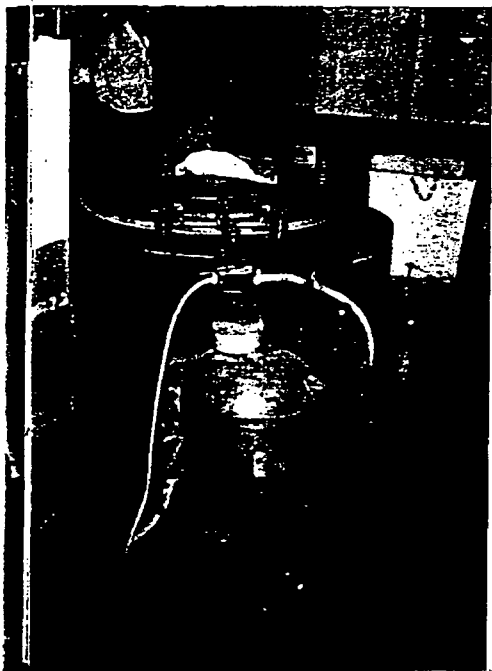
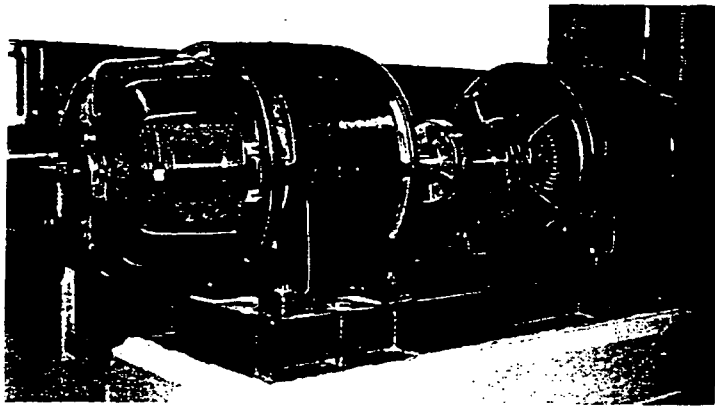




The Elliott C-W auxiliary motor-generator serving the Palmyra beacon is rated 3 kw.

The main motor-generator, below, is rated 30 kw. It converts 230-volt d-c to 120-volt d-c and maintains the steady voltage required by the spectacular Palmyra beacon light.



volving once every 30 seconds. Its two billion candlepower beam is generated by a high-intensity carbon arc lamp through a lens 5 ft in diameter. The supporting steel-aluminum tower is built to withstand a wind pressure of 100 miles per hour. (In a strong gale the tower sways as much as two feet.) In the center of the tower, encased in $\frac{1}{2}$ -in. steel plates, an automatic elevator rises to a point 15 ft from the top of the structure; this is said to be the smallest passenger elevator in the world. In it two attendants, who service the light when it is in operation, go to work 545 ft above Michigan Avenue. A special ventilating system, involving fans and blowers, is necessary to cool the beacon proper.

7 1/2-hp, 1800-rpm, vertically-mounted motor drives an extractor in the laundry.