



Silica Troubles. Certain of the high-makeup 1200-psi plants under study reported silica troubles in turbines. In fact, many plants with small makeup indicated a growing awareness of the silica problem in boiler water.

* Experimental Studies of H_2O_2 Scale at 1500 Psi,
by J A Holmes and C Sachin.

More details of plant layout and operation follow in a second article.

The air-heater and combustion-chamber combination, in which fuel is burned in the working medium, operates with equal pressure inside and outside the tubes, which eliminates stresses in tube metal working at high temperature. High pressure on the inside increases specific-heat transfer. The net effect is a considerable saving in air-heater space requirements.

