

System of make-up water LCU

System of make-up water LCU provides:

- make-up water supply at normal operation period;
- the primary and secondary circuit systems filling before unit start-up;
- makeup of component cooling water system;
- makeup of the primary circuit auxiliary systems and special water purification systems;
- make-up water supply on washing of condensate purification filters;
- storage and supply of desalt water to the emergency feed water system;
- supply of desalt water to air cooler of emergency feed pump motor;
- filling and makeup of generator water-cooling system;
- make-up water supply to the reserve and block diesel generator unit.

The level in the turbine condenser is maintained by the regulation valve on normal makeup pipeline. The make-up water pumps provide water supply to makeup of intermediate circuits.

The part of the system is intended for storage and supply of desalt water to the emergency feed water system. Equipment of this part stand-by (in case of accident).