

System of condensate-feed pipeline prestart rinsing LDT

System of condensate-feed pipeline prestart rinsing provides:

- deposit and corrosion products removing from heat exchange equipment and pipelines at a time of reactor start-up and shutdown more then three days;
- collect residual and drain water from the secondary circuit;
- water supply from wash water collector tank to the autonomic system of drain condensate purification;
- water return to the secondary circuit.

The system is working at unit start-up, operational period on all capacity levels and shutdown.

The system consists of wash water collector tank, pumps, cooler, armature, pipelines. The cooler is turned on if the water temperature more then 40°C. Heating steam is supplied to the LDT tanks for maintenance of wash water temperature in the tanks.

Cleaned from corrosion products and salts goes to the system of make-up water or LCU plant make-up tanks.