

System of coolant storage KBB

System of coolant storage (KBB):

- coolant storage after the primary circuit water exchange;
- level maintenance in make-up deaerator;
- boron tapping from the primary circuit coolant on KBB filters;
- boric acid supply from JNK system to fill the primary circuit and make-up deaerator;
- coolant collection at the primary circuit draining;
- alkali metals removing from the primary circuit coolant on KBB filters;
- drain water collection from the systems of boric drains.

The system consists of two tanks, pumps, two sump tanks, two ion exchangers, entrainment filter, armature, pipelines, regulative and inverted valves.

For coolant quality control there are tapping to KUA system from each tank for hand sampling.