

System of sampling of special water treatment plants and from auxiliary systems of the reactor plant KUA

System of sampling of special water treatment plants and from auxiliary systems of the reactor plant KUA provides periodical hand sampling with purpose of laboratory analysis of coolant quality parameters and water of auxiliary systems.

Analyzes are realized for:

- getting the necessary operational information about the primary circuit WCR by personal;
- check of ACC devices indicators and getting information in case of failure of ACC system elements;
- control of operational efficiency of water purification plant;
- control of water quality and chemreagents quality in NPP tanks.

On sampling lines coolers are installed for reduction temperature lower 40°C and regulative valves for reduction pressure to 0.2 MPa.

There is overflow of sampling line for providing of sample representativeness. Sample volume for laboratory analysis from one sampling point is about 0.5 dm³.