

System of steam generator chemical washing of the secondary circuit LFG

System of steam generator chemical washing of the secondary circuit LFG provides preparation and supply solutions for chemical washing of steam generator heat-exchange surface.

Steam generator chemical washing is carried out in the end of reactor shutdown cooling. Interval of chemical washing for all steam generators is once in four years.

The wash solution preparation is provided by the unit of solution preparation and supply.

Wash solution consists of:

- ethylene diamine tetracidic acid – 100-130 g/dm³;
- ammonia acetate – 50-65 g/dm³;
- hydrazine-hydrat – 10-13 g/dm³;
- ammonia for pH level 6-6.5.

Solution temperature is about 70-90°C.