

The secondary circuit WCR correction system LDN

LDN system provides storage and dosing of ethanolamine, ammonia and hydrazine-hydrate solutions for corrective treatment of the secondary circuit water.

Functions of LDN system are:

- pH control level of feed water maintenance;
- free oxygen fixation in condensate and feed water;
- corrosion activity reduction of condensate and feed water.

The system consists of batching tanks and dosing pumps of ethanolamine, ammonia and hydrazine-hydrate solutions; drop catchers; armature; pipelines.

LDN system work constantly at unit operational period in stationary mode at all capacity levels.

Reagent dosing must provided by LDN system for pH control level, ethanolamine, ammonia and hydrazine-hydrate concentration in steam generator feed water at all unit operational modes.