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# HIGH PRESSURE FEED HEATER VALVES MAINTENANCE

## SCOPE OF OBSERVATION

Observation over maintenance of 5М-252, 5М-253 relief safety valves of HPFH ТА-5 group was performed in the turbine hall of Unit 3 in course of about one hour. A centralized repair shop workers group of 5 people performed the maintenance.

## OBSERVATIONS

1. The maintenance documentation for maintenance of 5М-252, 5М-253 relief safety valves of group HPFH ТА-5 was missing at the work place (turbine hall, level 0,0). One of workers was interviewed and he asserted, that there was no need in applying the maintenance documentation, because he has been practicing on maintenance of such valves for many years, and knows the process well. Failure to apply maintenance documentation at work place in course of maintenance performance can cause human errors, personnel injury. (*MA-03-LA-01-pr*)
2. Workers were observed to use the torque wrench to install motor drives on flange connectors of valves and to stretch them over in course of 5М-252, 5М-253 relief safety valves of group HPFH ТА-5 maintenance. After failure of torque wrench workers were seen to use hammer wrench and hammer to torque the screw joints of these flange connections. Such practice can result in equipment damage. (*MA-03-LA-02-pr*)
3. One of the workers was seen to constantly stand on metal coating of a pipeline in course of motor drives installation on the flange connectors of 5М-252, 5М-253 relief safety valves of group HPFH ТА-5 via crane. This could have caused damage of metal covering, furthermore worker’s falling down and getting injured. (*MA-03-LA-03-pr*)