Some Instrumentation and Control (I&C) Design Features of diagnostic systems delivered by Russian Federation to the ITER project

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ITER (International Thermonuclear Experimental Reactor) is a complex international mega project (Cadarache, France). It integrates many technical Sub Systems, procured from different Participant Teams through their 7 Domestic Agencies.

In the report presented the I&C Systems of Neutral Particle Analyzer, Divertor Thomson Scattering, High Field Side Reflectometer, Divertor Neutron Flux Monitor, H-alpha Spectroscopy, Vertical Neutron Camera, CXRS and Vertical Gamma Spectroscopy diagnostics developed by Russian Federation to the ITER Project.

Report will be interesting for physicists and engineers working in Fusion Science.