

Inservice Inspection on Russian VVER Nuclear Power Plants

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Abstract. This presentation will provide an overview of inservice inspections performed in accordance to the Russian rules and regulations on the main components of the Russian VVER type nuclear power plant.

There will be an overview of:

- Russian rules and regulations for in-service inspections (ISI) on main components
- Qualification work for ISI for VVER components
- Inspection areas for ISI
- Objectives of inspection
- Examples of Systems to applied for in-service inspections
- Reactor Pressure Vessel inspection performed from inner and outer surface
- Steam Generator inspection with ultrasonic testing
- Steam Generator tube inspection with eddy current testing
- Pipe inspection

In this presentation we will show examples of fruitful cooperation between Rosenergoatom, NIKIMT and intelligeNDT within projects for delivery, training and modernizing of mechanized inspection systems.