

## The “Rosatom” activity in the field of research reactors

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The Russian Research Reactors especially high power reactors concentrated mainly in institutes of “Rosatom”. The utilization of them is very high and load factors during many years are not less than 0.6.

The reactors have a different power level, neutron flux and spectrum and it get the broad opportunities for scientific and applied works. The main areas of reactor utilization are material testing and radioisotope production. It is important that at the institutes that have research reactors there are also good equipped hot cells and it allows to carry out the broad post-irradiation examinations.

The safety is a high priority in the operation of research reactors of “Rosatom”. During the analyses of the accident at the Fukushima Daiichi NPP to the Russian research reactors the role of the “Rosatom” as the state organization was clear expressed. This role was very important in the initiating activity to carry out stress-tests and financial support of measures for safety increasing. The deep safety analyses of these reactors were made after the accident at the Fukushima Daiichi NPP and necessary measures were implemented for enhancing the reactor safety.

The “Rosatom” develop the activity in the construction of new reactors (MBIR project) and refurbishment of operating facilities (critical assemblies BFS in IPPE).

Last years “Rosatom” continue to develop the international cooperation in the development of research reactors and Centers of Nuclear Research. Such proposals were made for several countries and projects are in progress.

### Organization

State Atomic Energy Corporation “Rosatom”

### Country

Russia

**Primary author:** Mr ARKHANGELSKY, Nikolay (Rosatom)

**Presenter:** Mr ARKHANGELSKY, Nikolay (Rosatom)

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