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Closed fuel cycle technologies based on fast reactors as the corner stone for sustainable development of nuclear power

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This article analyzes problems and approaches to modern nuclear power development using closed nuclear fuel cycle and fast reactors. It describes specified technical requirements for nuclear power systems in large-scale nuclear power industry. Targets and scientific problems solved by Rosatom's "PRORYV" Project which is a part of the Federal State Program "Nuclear Power Technologies of New Generation in the Period of 2010-2015 and up to 2020" are examined.

Country/Int. Organization

Russia/INSTITUTION "ITC "PRORYV"PROJECT

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