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**SOME RESEARCH RESULTS BY RISK-INFORM APPROACHES
FOR NPP SAFETY AND OPERATIONAL EFFICIENCY**

Article is the presentation of the same name monograph, which is planned to be issued. In the article the perspective problems of further development risk-oriented approach (ROA) for the grounding and realization of measures on increase of safety and operational efficiency of NPP are considered. Unlike the traditional approach for the ROA, mean due the definition of probabilistic and/or deterministic methods of risk parameters, as criterion functions essence and the measure of the estimation are defined by the solution of specific problem in nuclear field. The ROA application allows essentially expanding opportunities of the substantiations and realizations of measures on safety and operational efficiency increase of NPP.

Keywords: safety, efficacy, NPP, probability, testing, qualification, reliability, risk, operation, equipment.