

Packaging for HALEU: Current Market Supply Opportunities

The current stage of nuclear energy development is characterized by growing interest in advanced reactors, including small modular reactors (SMR), fast reactors and nuclear power plants for space projects. These technologies require the use of high-grade low-enriched uranium fuel (HALEU) with enrichment from 5 to 20% U-235. The increasing global demand for HALEU poses the challenge of providing reliable, safe and cost-effective transport solutions for the supply of this fuel. This report presents Russian experience in developing transport packages for HALEU, as well as proposals for international cooperation in this area.

Country or International Organization

Instructions

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