

Rosatom begins assembly of its 250th nuclear reactor

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The Atommash plant, Rosatom's Mechanical Engineering division, has commenced control assembly of the vessel of their milestone 250th nuclear reactor. The VVER-1200 is intended for use at the fourth power unit of the Akkuyu NPP in Türkiye. Rosatom machine builders presented the jubilee reactor as a tribute to the 80th anniversary of the Russian nuclear industry being celebrated this year.

"Our products have powered hundreds of nuclear plants in Russia and around the globe, bringing warmth and illumination to millions. They have also driven the creation of nuclear icebreakers, which are paving the way for the development of the Russian North, opening up new frontiers. No less ambitious projects lie ahead. Among them are the launch of the world's first IV generation energy complex in Seversk, and the development of a line of floating nuclear power plants for the Russian energy fleet", said Igor Kotov, head of Rosatom Mechanical Engineering division.

“Russian nuclear industry companies are trusted suppliers for Türkiye's nuclear power plant. Their unwavering commitment to technology and deep expertise ensure the production of top-quality equipment. The technology has proven its worth through decades of reliable service at nuclear power plants worldwide,” Sergei Butckikh, Chief Executive Officer of Akkuyu Nuclear, noted.

“The control assembly of the nuclear nesting doll enables engineers to ensure that every component and element of the reactor is precisely positioned to a thousandth of a millimeter. This work verifies the reactor's operational readiness for at least six decades. It also streamlines installation at the NPP site. A successful test build stands as a testament to the excellence of Russian design and production standards”, Maxim Zhidkov, the head of the Atommash plant, stated.