**Reactor vessel for Tianwan NPP Unit 7 has arrived at the construction site in China**

The reactor vessel for Unit 7 of Tianwan NPP, which is being constructed in China with the participation of Rosatom State Corporation Engineering Division, arrived at the construction site after covering the sea route from Russia in less than two months. One day earlier, four steam generators, three reactor coolant pump bodies and a bubbler had been delivered to the site.

“In accordance with the contractual obligations, during the implementation of the NPP project the Russian Party ensures the supply of equipment for the nuclear island, its installation and adjustment supervision. The reactor vessel manufactured in Russia for Unit 7 arrived at the construction site today, and after all the necessary industrial and inspection procedures it will be installed in the design position”, said Vice President for Projects in China and Prospective Projects of ASE JSC Alexey Bannik.

Currently, the installation of the reactor building dome is completed at Tianwan NPP Unit 7. This operation was preceded by the installation of the polar crane inside the building, thanks to which the specialists will be able to install the reactor vessel and other large-size equipment in the design position in the building.

The VVER-1200 reactor vessel weight is 334.2 tons, its length is 12 meters, prior to the installation it will undergo the incoming inspection in accordance with all the regulatory requirements. The commission will include representatives of the Chinese customer, specialists of Rosatom Engineering Division and of Atommash – the manufacturer of the equipment.

**For reference:**

Tianwan NPS is the largest project of economic cooperation between Russia and China. Currently, two power units are being built according to the Russian design with reactor plant VVER-1200. The earlier four units of the Russian VVER-1000 design are successfully operating and supplying millions of kilowatts of energy to the country's power grid. On June 8, 2018, the Intergovernmental Protocol and the frame contract for construction of TNPS Units 7&8 with VVER-1200 reactors were signed in Beijing. From the Russian side, the contract was signed by the Rosatom State Corporation Engineering Division, and from the Chinese side - by CNNC companies. In accordance with these documents, the Russian side has designed the NPS nuclear island and it will supply the key nuclear island equipment for both units. The following executive contracts were signed as well: the technical design contract for Units 7&8 and the general contract for Units 7&8. The works on construction of Units 7&8 started on May 19, 2021.

*Rosatom State Corporation Engineering Division unites the leading companies of the nuclear industry, namely: Atomstroyexport JSC (Moscow, Nizhny Novgorod, branches in Russia and abroad), Joint Design Institute - Atomenergoproekt JSC (Moscow, Nizhny Novgorod, St. Petersburg branches - design institutes, branches in Russia and abroad, R&D branches) and subsidiary construction organizations.*

*The Engineering Division ranks first in the world by the order portfolio and the number of NPPs constructed simultaneously across the world.*

*About 80% of the Division’s revenues originate from foreign projects.*

*The Engineering Division implements construction projects for high-power NPPs in Russia and across the world, renders a full range of EPC, EP, EPC(M) services including project management and design activities, and develops Multi-D technologies for the management of complex engineering facilities. The Division relies on the achievements of the Russian nuclear industry and innovative state-of-the-art technologies.*

*We construct reliable and safe NPPs with Gen III+* *VVER reactors that are in line with all international requirements and recommendations.*

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Russia continues mutually beneficial cooperation with friendly countries. The implementation of major energy sector projects is underway. Rosatom's work under the projects in China is an example of meaningful partnership that opens up new opportunities in the field of low-carbon generation.