|  |  |  |
| --- | --- | --- |
|  | Rosatom digital press office <https://atommedia.online/en/>  | **Press release**17.12.24 |

**Reactor pressure vessel of Xudapu NPP Unit 4 (China) has been installed in design position**

*The Russian participants of Xudapu NPP construction project ensure the performance of contractual obligations ahead of schedule*

The reactor pressure vessel has been installed in the design position at the construction site of Xudapu NPP Unit 4 (China), which is being built with participation of Rosatom enterprises. The operation was carried out under the supervision of representatives of Rosatom Engineering Division.

Earlier, works were carried out at Unit 4 of Xudapu NPP in advance of the installation of the reactor pressure vessel. In particular, the first large-sized equipment – the core catcher, was installed, operation for one-stage lifting of the dome to the building was completed, the polar crane was installed, with which the reactor vessel was lifted and placed in the design position.

“Xudapu NPP project is a vivid example of cooperation between Russia and China in the field of advanced technologies. Our partnership has been going on for decades, and the power units constructed under the Russian design demonstrate long-term efficient and trouble-free operation.  Our joint history is continuing: Rosatom, being the leading technological corporation of Russia, jointly with the Chinese partners, is successfully implementing the project of construction of the newest NPP Gen III+ power units,” said Alexey Bannik, Vice President of Atomstroyexport JSC (Engineering Division of Rosatom) for Projects in China and Prospective Projects.

**For reference:**

VVER-1200 reactor is a cylindrical vessel with an elliptical bottom, inside which there is the core and the internals. The length of the equipment is 13 meters, the diameter is 4.5 meters, and the weight is 320 tons.

Xudapu NPP is a large-scale project of cooperation between Russia and China in the field of nuclear power. It is located in the city of Huludao (Liaoning province). In 2019, a number of contracts were signed, including the general contract for construction of Xudapu NPP Units 3 and 4 with VVER-1200 reactors and the contract for nuclear fuel supply. In accordance with the contract, the Russian Party will design the nuclear island, supply the key equipment of the nuclear island for both power units and render services for designer supervision, installation supervision and adjustment supervision of the supplied equipment. The commissioning of the units is scheduled for 2027-2028.

Rosatom 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 modern cutting-edge technologies. [www.ase-ec.ru](http://www.ase-ec.ru/)