

ENERGOATOM AND HOLTEC INTERNATIONAL ARE EXPANDING THEIR COOPERATION TO IMPROVE SAFETY AND EFFICIENCY IN THE NUCLEAR INDUSTRY



NNEGC "Energoatom" and Holtec International (USA) held a technical meeting to expand cooperation between companies in implementing modern solutions to safety and efficiency issues in the operation and construction of NPP power units. The meeting was held on July 18-19 at a central Kiev office Energoatom and Holtec International, chaired by company president George Nedashkovska and the participation of Vice President of Technology reactors - nuclear technology director SMR, LLC Holtec International Marsillya Thomas.

One of the main topics of the meeting was the planning of joint actions in solving the issues of increasing the safety of power units of the NNEGC "Energoatom" in the areas where Holtec International Corporation is a leading global player and has recognized the UCAR USA and IAEA. The most important results of the meeting were agreement on engaging experience Holtec International to improve the seismic safety of Ukrainian NPPs based on modern standards IAEA and joint plans for implementing new approaches to ensure the satisfactory condition of the buildings Ukrainian reactors.

The parties discussed the licensing and construction of small SMR-160 modular reactors developed by Holtec International in Ukraine. The meeting discussed the state of licensing of these reactors in the United States, prospects for their construction and operation in the United States and other countries of the world. In their speeches, Holtec International experts emphasized the possibility of localization of Ukrainian manufacturing facilities for SMR-160 and the possibility of producing fuel for these reactors in Ukraine.

Yuri Nedashkovsky thanked representatives of Holtec International for detailed and meaningful presentations, competent advice and suggestions, and expressed his conviction that the company had high potential and effectiveness in implementing joint measures. "As activity towards the introduction of small modular reactors cooperation with Holtec International allowing Ukraine to participate in the development of modern energy technologies worldwide, which is considered the world's leading nations as one of the components of future energy bezvuhletsevoyi. Reactors of this type can answer many of the challenges facing nuclear power, increase the level of safety and efficiency of nuclear power plants, - said the head of Energoatom.

He stressed that for Energoatom cooperation with Holtec International is a strategic direction. "At present, in cooperation with Holtec International, Energoatom has begun practical work on the establishment of a Centralized Storage of Nuclear Fuel in Ukraine. Many years of partnership in this complex project allows our companies to confidently look at the prospects of cooperation and in other areas that will ensure the development of the nuclear energy complex of Ukraine ", - added Yuri Nedashkovsky.

During the technical meeting, it was also decided to cooperate on the implementation of shelf-storage shelves of spent nuclear fuel and the use of Holtec heat-exchange equipment at Ukrainian NPPs. In these industries, Holtec International has advanced developments and many years of experience.

Reference. At the end of 2016, NNEGC Energoatom became a member of the Holtec Advisory Board for small modular reactors, and is now actively exploring the prospects for their construction in Ukraine. As you know, one of the active developers of small modular reactors is Holtec International, which is also known worldwide as a leading technology developer and manufacturer of equipment for transportation and storage of spent nuclear fuel.

July 6, 2017 "Energoatom" was licensed State Nuclear Regulatory Inspectorate of Ukraine to conduct activities on the life cycle "Construction and operation of a nuclear facility" - a centralized repository for spent nuclear fuel VVER domestic nuclear power plants (Storage Facility).

CSSNF construction contract between Energoatom and won the corresponding tender Holtec International was signed in 2005, but for various reasons, including because of changing political circumstances project has long been virtually frozen. The real work on this project was restored in 2014.

The contract for construction of the repository provides that a company Holtec International will supply special equipment for dry storage of spent nuclear fuel and its transportation and will provide Ukraine the technology to be applied both power units and during transportation of spent nuclear fuel from nuclear power plants to Storage Facility and In the repository itself.



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