

*Dear Mr. President, Dear colleagues!*

Ukraine highly values the important role, which the International Atomic Energy Agency plays in coordinating united efforts in development of Nuclear Science and Technology, facilitating the peaceful use of nuclear energy worldwide.

Currently it is an important component of the National Energy security system.

The Nuclear Energy Complex of Ukraine demonstrates stable development over the past decade and it is today the basis of the energy complex of our country.

Nowadays, Ukraine operates 4 nuclear power plants – its 15 nuclear power units, with total installed capacity 13.835 MW. In 2017, the share of electricity production by Ukrainian NPPs in the total generation structure was more than 55%.

Of course, the highest priority for us is to ensure reliable, safe and economical operation of the nuclear power units of Ukraine. The current level of safety at Ukrainian NPPs corresponds to the level of safety of nuclear facilities in countries with developed nuclear power in the world. The Automated Monitoring System of Radiation Situation has been deployed at NPPs of Ukraine.

Maintaining a high level of NPP safety is a prerequisite for solving another task facing us – life time extension of existing nuclear power units for at least another 15 years, because the design life of 13 NPPs units ends in the period up to 2026. To date, long-term operation was provided for 9 of 15 operating power units.

The primary task is the construction and commissioning of two new nuclear power units with a capacity of 2 million kW at the Khmelnytsky NPP. And today, active work is being carried out in this direction in close cooperation with European and American colleagues in the framework of the Energy Bridge project.

*Mr. President*

Nuclear energy will continue to be an important component in ensuring the energy security of Ukraine in the medium and long term, which is reflected in the corresponding updated energy Strategy of Ukraine.

The main AFFECTIVE of further development of the nuclear power generation in total capacity of electricity will grow till 2035.

Ukraine pays high attention to the issue of development of nuclear education and has powerful training school of nuclear knowledge and science. Our universities prepare the high level professionals in the sphere of nuclear science who are acknowledged in the world.

Ukraine, possessing significant scientific potential in the field of nuclear technologies and having long-term plans for the development of nuclear energy, supports the Agency's Technical Cooperation Program (TCP) activities in the field of innovative and improved reactor designs.

Our country also participates in the activities of the International Project on Innovative Reactors and Nuclear Fuel Cycles (INPRO), and was actively involved in the implementation of the Global Innovative Nuclear Systems Architecture project based on closed-cycle thermal and fast neutron reactors (GAINS). The contribution of Ukraine was highly appreciated by experts from the International Atomic Energy Agency and included in the publication of the final report on the project.

NPPs are an important factor in building international cooperation in the analysis and selection of technologies for further development of the energy system, diversification of nuclear fuel suppliers, international cooperation in the field of SNF and RW management, as well as in personnel training.

In order to study possible diversification of reactor technologies, as well as introduction of innovative fuel cycles, a feasibility study on SMR-160 construction is performed in cooperation with HOLTEC.

In conclusion, I would like to emphasize, that Ukraine is stable in its perspectives and we highly appreciate our international partners especially International Atomic Energy Agency for their support and collaboration in nuclear energy sphere.

And to express my particular gratitude to the International Atomic Energy Agency Director General Mr. Yukiya Amano. And the Agency Secretariat of nuclear science and technology, medicine and promotion of cooperation in the peaceful use of nuclear energy!

Thank you for your attention!