



On Nuclear Power Engineering

Expert opinion Art. teacher of the Department of Physics of the Karaganda Technical University named after Abylkas Saginov Kuznetsova Yu.A.

So the preliminary results of the referendum in Kazakhstan became known, according to which 71.12% of citizens of Kazakhstan supported the construction of nuclear power plants in Kazakhstan.

Kazakhstan is the world leader in uranium mining and export. The NPP will allow Kazakhstan to realize our energy potential, which will make it possible to realize both the energy and economic independence of the country.

Of course, the construction of such a station is a multilateral and very responsible issue that will affect many areas of our life. On our part, the part of university teachers is the issue of training highly qualified personnel - scientists and engineers in the field of nuclear energy, expanding the base of research work in various aspects of nuclear energy and high-voltage physics, educational and educational activities, participation in science-intensive projects.

And, despite the fact that construction will not begin relatively soon, it is necessary to think about training personnel for both construction and operation of nuclear power plants in accordance with strict International Standards now.

It is worth saying that when studying the Physics course, students of all specialties get an idea of the physical foundations of the uranium fission reaction, the principles of operation of nuclear power plants and the problems of radioactive waste. But now we need to think about modernizing the course to solve the problems.

The construction of the nuclear power plant opens up the prospect of Kazakhstan's participation in international projects, allowing to develop closer cooperation with leading research institutes and organizations.