

NUCLEAR POWER ENERGY

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The history of nuclear power has been one of both great optimism and fear. What should always be remembered in any discussion about nuclear energy is that it has the ability for much good and much bad; it can solve many problems and yet cause other problems.

Energy today is a major driving force of the world progress. The greatest contribution to meeting energy needs and achieving sustainable economic and social development of mankind in the XXI century must make nuclear power. World experience shows that without the use of nuclear energy in Kazakhstan is unlikely to solve the energy problem in the near and distant future. It is quite obvious that the development of Kazakhstan's energy, sooner or later, will go on this way. A role to play in increasing economic attractiveness of nuclear power compared to the hydrocarbon, the depletion of hydrocarbon energy with time, despite their huge reserves, as well as the environmental aspects associated with restrictions on greenhouse emissions and compliance with international standards for the protection of the environment. The Republic of Kazakhstan is a leading country in the world in proven reserves of uranium in its depths is concentrated 21% of the total. Moreover, about 65% of which are suitable for practicing the most progressive, environmentally safe and cost-effective method of underground leaching.

The IAEA organization made up of 151 international member states. the United Nations, it is an independent entity; however, it does present findings and other reports to the UN regularly. These findings can include simple fact-finding reports about development and technology improvement. They also can be recommendations for further action such as sanctions, to influence countries to conform to IAEA guidelines. IAEA plays a role in the international scene is by promoting cooperation among members so that nuclear energy is constantly moving forward and developing.

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