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**Nuclear Development Policies in Japan
- Toward Coexistence between Abolition of Atomic Bombs and
- Peaceful Use of Nuclear Energy -**

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Abstract

People's efforts all over the world in the latter half of the 20th century have created remarkable achievements in the practical application of nuclear energy and realization of various applications of nuclear radiation to the civilization. We have also established the basis for research and development of particle accelerator, lasers and nuclear fusion, and have generated new hope for nuclear development in the 21st century.

Total abolition of nuclear weapons has not yet been realized in these 60 years, and there are some countries that have raised suspicions by conducting nuclear testing and obtaining nuclear weapons. Nevertheless, it is good news that nuclear weapons have never been used in wars in this period.

Today, at the outset of the 21st century, we can see ultimate limits looming on a global scale. One is the exhaustion of fossil resources and another is global warming.

It is important that we should overcome the limits of resources and environment by science and technology. To solve these problems, it is important for us to have science and technology with new ideas on nuclear energy.