

Enhancing Nuclear Security Capability by establishing COE in China

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The recent economic development in China demonstrated a strong demand on clean, secure and sustainable energy supply. Nuclear power has been widely recognized as clean energy. By 2020 the total nuclear power capacity in China will be 58GWe in operation, plus 18GWe under construction. With the increasing number of nuclear power units in operation, and the amount of nuclear materials in use, process, storage as well as transportation, the possibility of illicit acquisition and malicious use of nuclear and other radioactive materials had significantly increased.

The Chinese Government has been attaching great importance on Nuclear Security. During the Washington Nuclear Security Summit in April 2010, the former President Hu Jintao announced that China will establish a Center of Excellence (COE) on Nuclear Security. In order to facilitate the construction of COE and further strengthen nuclear security capacity in China, the Government decided to establish State Nuclear Security Technology Center (SNSTC), which is responsible for design, construction, operation and maintenance of COE. The main functions of COE include education and training, advanced technology demonstration and R&D, testing and certification, as well as international cooperation.

By establishing SNSTC and constructing the COE, China has made further steps to strengthen its national nuclear security infrastructure and will make more and more contribution to the enhancement of global nuclear security regime.

Country or International Organisation

China

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