

Concept Paper
High-level Symposium on Nuclear Security Capability Building
in Asia-Pacific Region

1. Background

At the Fourth Global Nuclear Security Summit, President Xi Jinping pointed out: "China will build a nuclear security capacity-building network. We will make use of existing platforms such as the State Nuclear Security Technology Center and China Customs Radiation Detection Training Center to carry out nuclear security personnel training, nuclear security technology drills and exchanges, etc. We welcome the participation of countries in the Asia-Pacific region, countries along the Belt and Road and other developing countries in relevant projects and will work closely with the International Atomic Energy Agency, etc. ".

Hosting the high-level symposium on nuclear security capability building in Asia-Pacific Region is a practical measure to fulfill the initiatives for building a community with a shared future for nuclear security and establishing a network for nuclear security capacity-building proposed by President Xi Jinping during the 4th NSS in 2016, which indicates China's efforts to join hands with regional partners for strengthening nuclear security, dealing with nuclear terrorism, and creating a favorable environment for peaceful use of nuclear technologies.

The State Nuclear Security Technology Center (SNSTC) as the organizer of this symposium, and the operator of Nuclear Security Center of Excellence (COE) in China, would like to make the COE as a hub of regional nuclear security capacity building network, to share our good practices and concepts on nuclear security, to provide technical support and expert service for regional partners to improving their national nuclear security capabilities and encouraging their involvement in "Belt and Road Initiatives".

2. Proposal

With the aims to deepen the exchanges and cooperation among ASEAN member states and other regional partners in nuclear security areas, to identify the common challenges and needs for sustainable development of nuclear security, and to share the good concepts and experiences on governmental management, technical innovation, human resource development and capability building in this field, SNSTC plans to host a *high-level regional symposium on nuclear security capability building* under the support of China Atomic Energy Authority and Ministry of Foreign Affairs of China. The symposium is preliminary planned to be held in the 3rd or 4th quarter of 2019 in Beijing, China.

Major topics of this symposium include: 1) Main threats and challenges for nuclear security in national and regional levels; 2) Needs and priorities for nuclear security capability building in national and regional levels; 3) Good concepts and experiences on improving nuclear security; 4) The way forward to establishing a regional network for nuclear security capacity building; etc. A series of activities are planned to be organized during the symposium, such as round table discussion, table-top exercise, scenario-based tech demo, advanced technology exhibition, facility visit, etc.

3. Target Participants

Officials of nuclear security competent authorities and experts in relevant facilities, institutions and universities from ASEAN member states are welcomed to participate in this symposium and make presentations on interested topics. The presentations could focus on one or more specific areas on nuclear security capacity building, for example physical protection, nuclear and other radioactive material control, nuclear forensic, cyber security, radiation detection architecture, human resource development, etc.

Date, Venue and Language

The symposium is preliminary planned to be held in the 3rd or 4th quarter of 2019 at State Nuclear Security Technology Center, Beijing, China. English will be the only working language of this symposium.