

The 2019 ISOE International Symposium successfully organized in Beijing



The 2019 ISOE International Symposium on Occupational Exposure Management at Nuclear Facilities was held 22-24 October 2019 in Beijing, China. The symposium was organized by the IAEA Technical Centre in collaboration with the Nuclear and Radiation Safety Centre (NSC), Ministry of Ecology and Environment of China. The Symposium was co-sponsored by the IAEA, the OECD/NEA and supported by the Chinese Society of Radiation Protection, the Radiation Monitoring Centre of China General Nuclear Power Corporation and the Beijing Society of Radiation Safety.

The objectives of the symposium are:

- to provide a wide platform for information exchange on occupational exposure concerns in nuclear power plants.
- to provide an opportunity to transfer the knowledge and experiences on occupational radiation protection accumulated in the ISOE system to newcomers and countries embarking on Nuclear Power.
- to allow vendors to present their recent experience and developments in radiation protection in a commercial exhibition.

More than 100 participants from 16 countries attended the symposium. The symposium consists of seven topical sessions, poster session, exhibitions, opening session and closing session. The topics covered from ISOE system, radiation protection management, source term control to regulation and design. Through presentations and discussions, the ISOE system was promoted and the experiences on ORP in NPP was exchanged including the experiences from the new types of reactors such as EPR and AP-1000. It is also meaningful that the ISOE symposium was held in China, as of October 2019, there are 47 units of commercial reactors in operation and 13 units are under construction. The experiences accumulated in the ISOE system is very useful to the radiation safety of the NPPs in China and on other hand, the operational experiences from different type of reactors especially the new types of reactors are also important to the ISOE system.

Meeting report

A technical tour was arranged to visit the Base of the Nuclear and Radiation Safety Centre (NSC) and the China Institute of Atomic Energy.

The ISOE system is jointly operated by the IAEA and the OECD/NEA. The ISOE IAEA Technical Centre represents the IAEA Member States of non-OECD/NEA countries with nuclear power plants. The ISOE international symposium is organized annually in rotation by one of the four ISOE technical centres. The Agency is requested to continue supporting the ISOE programme in the IAEA GC Resolution GC(62)/RES/6/67.