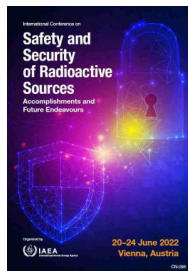


International Conference on Safety and Security of Radioactive Sources: Accomplishments and Future Endeavours (CN-295)



Contribution ID: 99

Type: **Poster**

Regulatory experience and improvement efforts for high-risk radiation sources

Tuesday, 21 June 2022 16:15 (15 minutes)

Korea revised the regulatory requirements for high-risk radioisotopes in 2015 to reflect IAEA security standards.

Sealed radioactive isotopes above the level of regulatory exemption under the BSS are subject to graded regulations under the Nuclear Safety Act, and additional security requirements such as designation, access control, detection, confirmation, and response are applied to IAEA class 1 & 2 radioactive sources. Based on this, periodic inspections to the facilities are conducted to maintain safety and security for isotopes.

In recent years, Korea is improving national capabilities through;

- monitoring of reporting management data from user has been strengthened in order to aware of bankruptcy or the occurrence of orphan sources in advance
- joint inspection with other state agencies responsible for responding to terrorism

Country OR Intl. Organization

Republic of Korea

Primary authors: Dr HAN, Sang-eun (Korea Institute of Nuclear Safety); Ms KIM, MIN KYUNG (Korea Institute of Nuclear Safety); Ms LEE, JI YOUNG (Korea Institute of Nuclear Safety)

Presenters: Ms KIM, MIN KYUNG (Korea Institute of Nuclear Safety); Ms LEE, JI YOUNG (Korea Institute of Nuclear Safety)

Session Classification: Poster Session 1

Track Classification: 05. Harmonized regulatory approaches (e.g., authorization, inspection and enforcement processes) for the safety and security of radioactive sources