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



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Regulatory experience and improvement efforts for high-risk radiation sources

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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

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