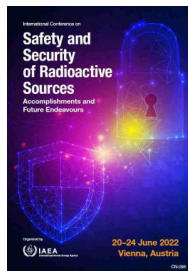


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security of radioactive sources throughout their lifecycle

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security of radioactive sources throughout their lifecycle

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Abstract: the use of radioactive sources is widespread in hospitals, education and industry. in several establishments, this use is accompanied by incidents and catastrophes. to avoid any incident, a certain number of rules and plan of conduct are necessary to allow a use in conformity with the standards of safety and security which are indicated in the guides of the IAEA. each source must be controlled from its reception of the manufacturer until in storage with waste after exhaustion of its radioactivity. in this document we will present the types of sources and their follow-up during the use, the storage and this according to their categories. a security plan is necessary which is based on the radioactivity and the type of radiation following a graduated approach.

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