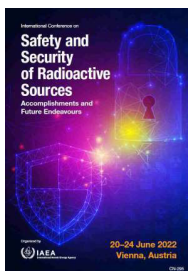


International Conference on Safety and Security of Radioactive Sources: Accomplishments and Future Endeavours (CN-295)



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The Safety and Security of Radioactive Sources in Niger

Wednesday, 22 June 2022 16:15 (15 minutes)

In Niger, the use of radioactive sources, both in the medical and industrial fields, is increasing year by year. In order to comply with international standards, the country has set up a nuclear regulatory and safety authority (ARSN) by law n ° 2016-45 of 06 December 2016 to supervise nuclear and radiological activities in order to guarantee the safety, security and protection of people and the environment against the effects of ionizing radiation throughout the national territory.

Indeed, the use of radioactive sources constitutes an essential lever for the socio-economic development of the country; they are used in the field of health, mining, agriculture, industry, etc. However, they also present risks of radiation accidents, malicious acts or terrorism if we are not taking carefully. This is why awareness is necessary in order to be on constant watch to protect people, property and the environment against the harmful effects involving radioactive materials.

These involve a variety of elements, including:

- the authorization, inventory and categorization of radioactive source
- the transport of radioactive sources,
- dose values for occupational, public and environmental exposure,
- Control of compliance with regulations and follow-up actions,
- key data for periodic reports of user activities and the state of safety and security in the country etc;

Country OR Intl. Organization

Niger

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