

Interfaces control and procedures for the usage of radioactive sources in Mauritania

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Content

In Mauritania, several radioactive sources have been arriving and starting all the year. There are three main entrance points: The ports of Nouakchott, the borders with Morocco, Senegal, Mali, and the airport of Nouakchott and Nouadhibou.

It is among the responsibilities of the Regulatory Body to review and support the implementation of the safety and security plan for the usage of the radioactive sources. Mauritania is part of Sahel countries in West Africa. This location could be critical factor in a context of regional threat with terrorist's groups and smuggling gangs. Regions in the country's interior are imperfectly monitored owing to their geographic isolation from population centers and so there are some locations that has to be considered critical. In Mauritania there is also a need to communicate to the relevant stakeholders and users of radioactive sources that safety and security should have equal importance. Stakeholders' involvement including mines, factories, hospitals and civil society, should be encouraged as it is key to overcoming a government-governance gap and strengthening nuclear security.

We will show that suitable communication protocols should also be considered as well as usable language, considering multilinguism and taxonomy. The necessity of delivering information to concerned users by providing correct data to the correct users at the correct time is vital to ensure that information effectively supports the nuclear security plan.

The Pandemic CoVID-19 has carried additional obstacles in this complex mechanism because the movement of technical experts has been restricted and limited, so the inspections activities have been rescheduled and also the exchange of information has been difficult cause of the communication disruption. In these emergency situation-specific procedures have to be developed. In this work we will present the need of verifying interfaces between nuclear safety and security, in critical situation like pandemic one.

Mauritania Country OR Intl. Organization

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