

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



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CNESTEN's experience and current practices related to safety and security of radioactive sources

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The National Center for Energy, Science and Nuclear Techniques (CNESTEN) has Implemented safety and security measures. For the use and import of radioactive sources, throughout their life cycle. These measures are applicable from their import to their final disposal, and they include:

- The importation of radioactive sources, after obtaining the import authorization issued by the Moroccan Agency for Nuclear and Radiological Safety and Security (AMSSNuR);
- The transport of radioactive sources is carried out in accordance with national regulations to ensure safety and security during transport;
- During usage of the radioactive sources, Restriction of access to the storage area prevents unauthorized access or damage to, and loss, theft, or unauthorized transfer of, radioactive sources, so as to reduce the likelihood of accidental harmful exposure to such sources. A register controls daily movements and use of radioactive sources, and every year the inventory is updated with all the history of the source and crucial information about the radioactive source, in addition to physical verification of its existence in the location of the sources. Among the future projects is the establishment of a computer database for registers and inventory;
- The Center is designated as the organization responsible for the management of radioactive waste generated at the national level by the various socio-economic operators working in the health sectors, the industry, the agriculture, mines and scientific research;
- The center provides technical support to the state on expertise and response for regaining control over orphan sources and searching for missing sources and securing found sources.

Country OR Intl. Organization

Morocco

Primary author: EL OULKI, mohamed (CNESTEN)

Co-author: HASSOUNI, Mohammed (CNESTEN)

Presenter: EL OULKI, mohamed (CNESTEN)

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