



Ester Stevens

ONDRAF/NIRAS Belgian Agency for Radioactive Waste and Enriched Fissile Materials

Ester Stevens graduated in 2015 as Industrial Engineer in Nuclear and Medical Engineering Technology. Inspired by the importance of the missions of the Agency, she started her career at the Belgian Agency for Radioactive Waste and Enriched Fissile Materials (NIRAS/ONDRAF). She became responsible for the acceptance of radioactive non-conditioned waste produced by hospitals and universities.

The management of radwaste arising from medical applications

The Belgian Agency for Radioactive Waste and Enriched Fissile Materials, also known as NIRAS/ONDRAF, has been established in 1980 by Belgian law. Its main mission is the management of radioactive waste on Belgian territory, which includes the safe transport, treatment, conditioning, interim and final disposal of the radioactive waste.

Numerous companies and organizations in the medical field in Belgium are involved in nuclear applications which may generate radioactive waste streams. This presentation will provide a global overview of the radioactive waste and its management in Belgium and will elaborate on some medical radioactive waste origins illustrated by means of several specific case examples which have been managed by NIRAS/ONDRAF in the past.