

Albania National Radioactive Waste Storage Facility Contamination Monitoring

The Albanian National Radioactive Waste Storage Facility (NRWSF) is operated by the Institute of Applied Nuclear Physics (IANP) in accordance with internationally acceptance criteria, and is situated within IANP territory. This facility consists of two main parts: a) operational area; b) interim storage facility (area). Apart from office and sanitary space the building contains the following areas: An area for preparing the cement mixture at the top of the drawing; a waste receipt area for checking delivered waste and their documentation; an operating area for conditioning the wastes; a decay-storage area for waste with short half-lives; an operational storage area for the storage of delivered wastes prior to their conditioning.

The Albanian National Radioactive Waste Storage Facility (NRWSF) is licensed to receive low level waste/intermediate level waste (LLW/ILW) of non-nuclear power plant origin (health care, industry, agriculture, education and research).

In the IAEA TC Programme cycle 2018-2019 Albania had a National Project ALB 9010 titled “Upgrading the Radioactive Waste Storage Building According to International Standards”. In the frame of this project since 2018 was prepared and implemented a Radiological Monitoring Program for the National Radioactive Waste Storage Facility. This monitoring programme included contamination control of the NRWSF floor surface, conditioned drums surface and of DSRS surface contamination by Smear Test.

All the contamination monitoring results showed that there is no contamination in the floor surface, on the conditioned drums or DSRS stored inside NRWSF. These results show that the operation of the storage facility is safe for the environment, public and employees working in Albanian National Radioactive Waste Storage Facility.

Primary authors: Prof. PRIFTI, Dritan (Institute of Applied Nuclear Physics, Tirana University); Prof. TUSHE, Kozeta (Institute of Applied Nuclear Physics, Tirana University)

Presenter: Prof. TUSHE, Kozeta (Institute of Applied Nuclear Physics, Tirana University)