

Securing the transport of disused medical source cat 1

Securing the transport of disused Category 1 sources is particularly challenging when carried out in a medical facility, due to the need to ensure continuity of healthcare services while implementing strict security measures. This paper presents the case of decommissioning two medical sources from the Health Center in Kladovo, where PC NFS acted as the project leader and the only licensed operator in Serbia with the capability to conduct such sensitive and demanding operations.

The project included the establishment and maintenance of a functional security system at the medical facility prior to source removal, the coordination of protective measures during preparation and packaging, and the implementation of strict security protocols throughout transport to an authorized facility-secure storage for high activity sources in PCNFS. Emphasis was placed on compliance with IAEA security guidance and national regulatory requirements, as well as on the integration of technical, organizational, and logistical measures designed to minimize security risks during each stage of the operation.

The case study highlights the importance of a comprehensive security approach in managing high-risk radioactive sources, demonstrating how effective planning, coordination, and implementation of security measures can ensure the safe and secure completion of transport activities.

Country or International Organization

Instructions

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