

MEASURES TO PREVENT TO ILLICIT USERS OF RADIOACTIVE SOURCES AND NUCLEAR MATERIAL IN LITHUANIA

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The government of every county, depending on its economic resources, attaches a great importance to the radiation protection and safety of population. And one of the instruments, that helps in realization of this problem is to create a system in the country, that prevents possibility to illicit use sources of ionizing radiation.

It was very important task to create such system, after Lithuania gets back the independence in 1991. Because of geographic location the Lithuania becomes a transit country of illicit transport of radioactive materials from Russia, Ukraine and other former Soviet states in to western countries. At the same time it was very important to ensure the safety of the sources (that means to ensure from steal, plunder, loose, etc.), because the former system disintegrates, companies become bankrupt.

It was developed the System to solve such problem. Under the requirements of legal acts there were prescribed (delegated) functions of State institutions in order of competence in solving the problems to ensure Radiation Protection.

Under the requirements of the Law on Radiation Protection, Radiation Protection Center is the main institution in Lithuania responsible for solving the problems of Radiation Protection of population from the harmful effects of ionizing radiation.

The responsibilities and obligations of the users of the sources were defined in legal acts:

1. The Law on Nuclear Energy
2. The Law on Radiation Protection
3. The Law on Radioactive Waste Management
4. The Law on Changes and Appendices if the Code of the Administrative Law Violations
5. On the Establishing the State Register of the Sources of Ionizing Radiation and Exposure of Workers, Governmental Resolution
6. On the Confirm an Regulation of Licensing the Practices with Ionizing Radiation Sources, Governmental Resolution.

After approval of the State Register of the Sources of Ionizing Radiation and Exposure of Workers, all the users of sources of ionizing radiation have to present the necessary data to the Radiation Protection Center after annual inventory of the sources, after installation of new sources, after decommissioning and etc. The Customs Department every week presents the information about all the sources of ionizing radiation, that were imported to or exported from Lithuania and the information on the companies, that made these procedures.

Under the requirements of the Law on Radiation Protection all activities with the sources of ionizing radiation is prohibited without license.

86 border checkpoints are supplied with control dosimeter equipment. There are plans to establish 103 ones, the same as 18 stationary check gates.