

Nuclear law in the Czech Republic

Abstract

Nuclear law can be defined as a set of legal rules designed to regulate legal or natural persons engaged in activities related to fissile materials, ionizing radiation, and radiation from natural sources of radiation, with the aim of ensuring the protection of persons, property, and the environment. The topic of the thesis Nuclear law in the Czech Republic is the legal regulation of peaceful use of nuclear energy and ionizing radiation in the context of Czech legislation within the framework of public law, including its links and connections to the legal regulation of this issue at the international (European, global) level.

After a brief introduction of nuclear law and its basic terminology, the thesis presents in a comprehensive summary the legal regulation at the international, European and national level, together with the legal principles that are manifested within the legal norms of nuclear law. Within the framework of the Czech legal framework, the main focus is on Act No. 263/2016 Coll., the Atomic Act, and its relation to individual areas of nuclear law. In terms of institutional arrangements for the administration of the use of nuclear energy in the Czech Republic, the institutions with significant competencies within the framework of nuclear law are presented, which are the Government of the Czech Republic, the ministries, the Administration of Radioactive Waste Storage Facilities, the State Office for Radiation Protection and, in particular, the central administrative authority for the use of nuclear energy and ionizing radiation, the State Office for Nuclear Safety.

The following chapters further focus on the legal regulation of nuclear law in specific areas; ensuring nuclear safety, the issue, and classification of sources of ionizing radiation and radioactive waste management, in particular on the topic of storage and disposal of radioactive waste and spent nuclear fuel. The work concludes with a chapter on the future challenges for nuclear law in the Czech Republic, focusing on the issue of preparing a deep repository for nuclear waste.

Key words:

- Nuclear law
- Nuclear safety
- Nuclear waste