

Abstract

The diploma thesis considers the Czech nuclear law. Nuclear law is composed of rules of law which regulate activities of corporations and individuals related to peaceful usage of nuclear energy and ionizing radiation. Nuclear law is narrowly connected to science and thus it is important to understand the scientific background to understand the law. The first chapter of my thesis contains a brief summary of the most important facts of nuclear history. Next chapters describe historical development and current situation in nuclear law system. Nuclear law development is considered from international, European and Czech point of view. A comparison of the Czech and the Finnish nuclear law – their differences and possibilities of mutual influence is another point of the thesis. Besides the formal site of both laws the most important instruments of environmental protection are considered as well. In regard of the possible abuse of nuclear materials to the act of violence and cross-borders effects of nuclear accidents, many international organization deals with this issue. A special chapter is devoted to the topic of international law organizations. Czech nuclear law is wide and thus the thesis concentrates on radioactive waste questions in context of sustainable development. The final chapter is devoted to the possibilities of *de lege ferenda*. It is possible to expect important changes in nuclear law in connection with recent nuclear accident in Japanese nuclear plant Fukushima. These changes will take new technologies and scientific knowhow into account and push the law forward.