## Abstract

The aim of this thesis is to describe the legal aspects of the process of extension of Temelín Nuclear Power Plant. Thesis deals with administrative procedures that the future operator needs to go through. In particular, thesis deals for example with the procedure arranged at The Atomic Act, The Construction Act or The Environmental Impact Assessment Act. Thesis concerns with the strategic and other conceptual documents which treats with the extension of this nuclear power plant. Not least contains complex chapter about possible public participation on the whole process of extension. Thesis includes also the comparison with the similar processes in France, Japan, Germany, Slovakia and The United States of America. At the last chapters thesis also deals with the connected issues like civil liability for nuclear damage, radioactive waste management or with the safeguards system. Thesis also reflects the possible future development and recent judicial decisions and legal amendments. The chapters related to The Atomic Act, also contains references to the draft of the new Atomic Act.