The world has been concerned with the problem of nuclear disarmament since their first use in 1945, as they represent a consistent danger to all humankind. Effects of use or mere failure of technical facilities cannot be limited only to combatants. On the contrary, it is certain that in such case an overwhelming number of people would die and suffer. Apart from that, environment and infrastructure would be devastated, there would be serious climate changes and other catastrophical consequences. No country in the world is ready to face such a situation and to react adequately, especially when its economy has been severely harmed. Possible consequences of the use of nuclear weapons are addressed in the first chapter of this thesis. Second chapter explores already achieved level of legal regulation in areas of nuclear disarmament and non-proliferation. In the third chapter the process of creation of Treaty on Prohibition of Nuclear Weapons from 2017, which aims at total elimination of nuclear weapons, is mapped in detail. Text of the Treaty itself including its flaws is analysed in chapter four. Following chapter five explains, why Treaty must be perceived "only" as a framework agreement, and goes through suggested provisions, which were not included in the final text. Chapter six is dealing with the matter of customary international law in this area and also with relationship of the new Treaty with other key treaties. Lastly, chapter seven assesses current positions of three different groups of countries (nuclear, non-nuclear, countries "under nuclear umbrella") and their options when dealing with current situation.