



THE POSITION OF BELGIUM IN THE WAYS OF NUCLEAR ENERGY USE AND IDEAS AND SOLUTIONS ON HOW TO DO IT SAFELY

Country: Belgium Committee: IAEA Delegate: Celal Arda Kaya

Agenda Item: **Technology and Infrastructure for Prevention, Detection and Responses Regarding Nuclear Security**

Nuclear Energy is used in many ways. For example providing electricity or in military such as nuclear weapons. Nuclear Reactors are the main way to get the Nuclear Energy to be available to use it in these ways. But like the Chernobyl accident if not carefully examined or not cared enough in the safety structure it could end really bad and the effects of it is not going to disappear for years.

As the delegation of Belgium our country had their fair share in the Nuclear Energy usage. Belgium currently has five reactors operated actively and have three reactors that are closed. These five reactors produce about half of the Belgium's electricity. The Federal Agency for Nuclear Control (FANC) operates under the minister of interior. With this the reactors are kept within the safety rules and examined carefully to avoid any accidents that could cause harm. The residents of the country also agrees within the usage of Nuclear Energy should continue, as a survey done in 2019 by Forum Nucléaire 83% of respondents agreeing that the country should maintain its nuclear energy production (versus 80% in 2017). 37% want to maintain nuclear power plants until 2025, but 46% (versus 30% in 2017) believed that the country's nuclear power plants should remain open after 2025.

Belgium also is one of the five NATO members to host US nuclear weapons on its territory as a part of a nuclear-sharing agreement. Belgium also does not support the Treaty on the Prohibition of Nuclear Weapons (TPNW). Belgium said that the TPNW is not the right tool to achieve our objectives of initiating global, reciprocal, and gradual efforts toward disarmament.

As the delegation of Belgium we would like to support the countries in the IAEA committee to find more solutions and ideas within this subject of how we can use

Nuclear Energy safer and how to control the Nuclear Weapons we host better and more carefully to avoid any harmful consequences of it.

References:

Nuclear Reactors of Belgium and survey about it: <https://world-nuclear.org/information-library/country-profiles/countries-a-f/belgium>

Belgium and their position in hosting nuclear weapons and their position on TPNW: <https://www.nti.org/analysis/articles/belgium-nuclear-disarmament/>