



Committee: International Atomic Energy Agency (IAEA)

Agenda Item: The Peaceful Use of Nuclear Energy

State: Republic of Paraguay

School: Hacettepe University

Delegate: Zeynep Ayça Tahtalı

Since its born, the use of nuclear energy has always been an important and debated topic. As the Republic of Paraguay, we always care about peace and cooperation. Our nation uses hydroelectric energy as the main energy resource, and we're carrying out projects for improving the use of nuclear energy on fields like healthcare, agriculture, environment and energy profit by Technical Cooperation Programs of IAEA. International Atomic Energy Agency leads us to a better future. The Republic of Paraguay recognizes the need for strong international cooperation to bolster nuclear waste management regulations and implement increased safeguards for the world's nuclear facilities, and it looks forward to discussing these topics at the conference.

Currently, atomic energy has an important place in many fields. When we take into consideration IAEA's Focus 2023 reports we can observe that it's used in health, recycle and energy field, even many social fields like safety, artificial intelligence. And under the title of 'Together More Women in Nuclear' enables more women to enter and pursue careers in the nuclear field. It also enhances global nuclear energy sustainability trough innovations by discussing new collaborative projects, supports Member States in establishing effective, safe, secure and sustainable frameworks and solutions for the fuel cycle, radioactive waste management, decommissioning and life cycle management of related facilities, including research reactors, for nuclear programs and nuclear applications, strengthening their capacities for formulating robust energy strategies, plans and programs, and to improve their understanding of nuclear energy's contribution to facilitating the clean energy transition, combating climate change and achieving the Sustainable Development Goals (SDGs), to increase the sustainability and

resilience of food and agriculture production and related livelihoods in Member States through climate- smart agriculture approaches, including meeting challenges from animal and zoonotic diseases, plant pests, food safety risks, climate change, bio threats, and nuclear or radiological emergencies. In conclusion we gain lots of benefits from nuclear energy but also, we have lost of risks. There have been two major reactor accidents in the history of civil nuclear power – Chernobyl and Fukushima Daiichi. Chernobyl involved an intense fire without provision for containment, and Fukushima Daiichi severely tested the containment, allowing some release of radioactivity. And also, of course the risk of nuclear weapons. The Republic of Paraguay supports the utilizing atomic energy just for advantageous purposes. We have consistently stood with the international community regarding the maintenance of a high level of safety. And we will maintain our stance on this issue.

To conclude all the given above the Republic of Paraguay believes that continued work with the IAEA, in addition to collaboration with established researchers in fields of nuclear energy and sustainability, is key to producing lasting solutions that progress and protect the international community. We recommend that Member States work closer with the IAEA in order to allow unique and durable solutions that overcome the regulatory challenge that it faces. Understanding that sweeping policies are not ideal in ensuring strong institutions, the Republic of Paraguay calls upon Member States to work individually with the IAEA to achieve distinct action plans regarding the best safeguards for their nuclear facilities. Moreover, increased collaboration with non-governmental organizations (NGOs), both on a local and international level, could provide a unique opportunity for information sharing across the nuclear disarmament field. The Republic of Paraguay looks forward to working collaboratively with fellow Member States in order to provide lasting and effective solutions that will bring the international community towards a more peaceful existence.

Sources:

- <https://sites.google.com/view/nmun-ny-2023-positionpapers-a/iaea>
- world-nuclear.org
- iaea.org

