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CANADIAN NUCLEAR SAFETY COMMISSION (CNSC)



The background of the slide is a detailed historical painting of a coastal city, likely Constantinople, viewed from a high vantage point. The city is built on a hillside overlooking a large harbor. In the foreground, several large sailing ships with multiple masts and sails are docked or moving through the water. To the left, a group of smaller, traditional wooden boats is visible. The city's architecture includes domed buildings and a prominent minaret. The sky is filled with soft, golden light, suggesting a sunrise or sunset. The overall style is characteristic of 19th-century historical painting.

Introduction

The CNSC provides an indispensable service in regulating the use of Nuclear energy in Canada both safely and securely. The aforementioned CNSC is an independent regulatory agency that is accountable for nuclear activities, environmental conservation and people's health and safety.



Challenges Faced

CNSC is experiencing a number of difficulties in meeting the increasing demand for nuclear energy while preserving safety. The first one is the difficulty within maintaining oversight of a sector that presupposes the use of risky activities/substrates.

The background of the slide is a detailed historical painting of a coastal city, likely Constantinople, viewed from an elevated perspective. The city is built on a hillside overlooking a large body of water, possibly the Bosphorus. The architecture features domes and red-tiled roofs. In the harbor, there are numerous ships, including large multi-masted sailing vessels and smaller boats. The sky is filled with soft, golden light, suggesting a sunrise or sunset. The overall style is that of a 19th-century historical painting.

Regulatory Framework

The CNSC's regulatory approach is based on the national and international instruments or standards. The commission collaborates with other international nuclear organizations such as the IAEA to bring Canadian nuclear regulatory measures in par with safety standards.



Conclusion

The CNSC plays a critical role in regulating nuclear safety in Canada so that clients, consumers, employees, the public within, around and affected by nuclear installations and the environment benefit from relevant nuclear technology. They are the legal requirements within which Canada continues to experiences growth in nuclear energy as well as its strategic direction.



Resource

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