



ONTARIO POWER GENERATION'S BOARD OF DIRECTORS

RUMINA VELSHI, PRESIDENT AND CEO
CANADIAN NUCLEAR SAFETY COMMISSION
MARCH 10, 2022



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Canada

OUR MANDATE

- Regulate the use of nuclear energy and materials to protect **health, safety, and security** and the **environment**
- Implement Canada's **international commitments** on the peaceful use of nuclear energy
- Disseminate **objective** scientific, technical and regulatory **information** to the public



COMMISSION MEMBERS



**MS. RUMINA
VELSHI**



**DR. TIMOTHY
BERUBE**



**DR. SANDOR
DEMETER**



**MR. RANDALL
KAHGEE**



**DR. MARCEL
LACROIX**



**MS. INDRA
MAHARAJ**

- Quasi-judicial administrative tribunal
- Agent of the Crown (duty to consult)
- Reports to Parliament through Minister of Natural Resources
- Decisions reviewable by Federal Court
- Independent, part-time Commission members

CNSC ACROSS CANADA

Human Resources

Approximately **900** full-time equivalents

Financial Resources

CAD \$158 million

70% cost recovery; 30% appropriation

Licensees

1,700

Licences

2,500



Achieving Our Vision

VISION

To be a world-class nuclear regulator

MANDATE

The Canadian Nuclear Safety Commission regulates the use of nuclear energy and materials to protect health, safety, security and the environment; to implement Canada's international commitments on the peaceful use of nuclear energy; and to disseminate objective scientific, technical and regulatory information to the public.

STRATEGIC PRIORITIES

To be a **modern** nuclear regulator

To be a **trusted** regulator

To be a leader and influence **global** nuclear efforts

To be an **agile** organization

OUTCOMES

- Robust, performance-based, regulatory framework
- Science-based decisions and risk-informed actions
- Enable technological innovation

- Independent, transparent, fair and competent
- Credible source of scientific and technical information
- Strong safety culture
- Respectful and inclusive engagement

- Leadership role in enhancing nuclear safety and security, and harmonization of regulatory practices
- Strong international relationships
- Share and leverage knowledge and best practices

- Embrace change
- Inclusive and representative workforce
- Empowered and digitally enabled

VALUES & CULTURE



Respect the rights and contributions of everyone



Act with **integrity** in all that we do



Commit to being of **service** to Canadians, Indigenous peoples and the government



Always strive for **excellence** in our work



Commit to personal and professional **responsibility**



Promote and adhere to a strong culture of **safety**

CNSC KEY PRIORITIES FOR 2022



Transformation

Evolving to address change and uncertainty ahead



Radioactive Waste

Many ongoing projects and much public interest



SMR Readiness

Enabling safe deployment in Canada and internationally



Safety Culture

Continue promoting the importance of a healthy safety culture



Equity, Diversity, Inclusion

Continuing to build on momentum to make progress



Strengthening Trust

Relationship building, greater transparency and engagement

PERFORMANCE OF OPG SITES

- Performance across all sites continues to be strong with no decline in safety
- All applicable regulatory requirements and CNSC staff expectations met for all 14 Safety and Control Areas



May 21, 2020 - Visiting OPG's Darlington site

OPG PROJECTS

Darlington

- Refurbishment
- New Nuclear
- Isotope Irradiation Systems
- Tritium / Helium-3

Pickering

- Extended Operations

Global First Power



Source: opg.com - Pickering Nuclear GS shipping flask with Cobalt-60 isotopes

AREAS FOR DISCUSSION

- Effective and Efficient Nuclear Regulation
- International Collaboration / Harmonization
- Ukraine situation
- Pandemic Lessons Learned for Future Challenges
- Public Support / Gaining Social Acceptance
- Fitness for Service / Pressure Tubes
- Alcohol & Drug Testing
- Special Equipment



JOIN THE CONVERSATION



nuclearsafety.gc.ca



