



**Written submission from the
North American Young Generation
in Nuclear, Durham**

**Mémoire de la
North American Young Generation
in Nuclear, Durham**

In the Matter of the

À l'égard de la

**New Brunswick Power Corporation,
Point Lepreau Nuclear Generating Station**

**Société d'Énergie du Nouveau-Brunswick,
centrale nucléaire de Point Lepreau**

Application for the renewal of NB Power's
licence for the Point Lepreau Nuclear
Generating Station

Demande de renouvellement du permis
d'Énergie NB pour la centrale nucléaire de
Point Lepreau

**Commission Public Hearing
Part 2**

**Audience publique de la Commission
Partie 2**

May 11 and 12, 2022

11 et 12 mai 2022

28-March-22
Tribunal Officer, Secretariat
Canadian Nuclear Safety Commission
280 Slater Street
P.O. Box 1046, Station B
Ottawa, Ontario K1P 5S9
Email: cns.interventions.ccsn@canada.ca

Re: New Brunswick Power Corporation's application to renew its licence for the Point Lepreau Nuclear Generating Station

Dear President and Commission Members,

NAYGN Durham Introduction:

North American Young Generation in Nuclear (NAYGN) provides opportunities for young generation of nuclear enthusiasts to engage and inform the public, and inspire today's demanding energy sector to meet the challenges of the 21st century while developing strong leadership and professional skills, and creating life-long connections.

NAYGN Durham is a local chapter to the Durham Region which started its journey in 2008. The chapter organizes various social and community events such as nuclear conferences, industry tours, technical seminars, and lunch & learn informative sessions in the region. The chapter represents approximately 1000 member strong and diverse NAYGN Durham community, most of whom work in the nuclear energy industry and live in Durham region.

New Brunswick Power – Pt. Lepreau Nuclear Generating Station:

NB Power's Pt. Lepreau NGS is a 705 MW (net 660 MW) CANDU station safely operating since 1983. It provides low carbon, clean energy sufficient to power over 300,000 homes, at an affordable price to the consumers. It directly adds 900 jobs to the workforce and thousands of others indirectly. As such, PLNGS is an integral part of the province's economy.

Key to Clean Energy Portfolio:

At various world stages, there have been repeated talks of clean and reliable energy in order to fight against climate change and many are looking towards Nuclear Industry for answers. In this time of need, Canadian Nuclear Generating stations provide the necessary safety and reliability assurances needed to the world. It is crucial that we try our best to keep our safe and reliable nuclear plants running which can provide the necessary safety guarantees as well as opportunities for research for the next generation of nuclear power plants, including Small Modular Reactors (SMRs).

NAYGN Durham's Interest:

PLNGS is a key member of Canadian Nuclear family. Due to similarities in design, it is a source of key partnerships and sharing of operating experience with other Canadian Nuclear stations. This sharing of information is vital as the operating experience from one station can directly help the other station. These

stations have collaborated at multiple instances for joint projects, and improved reliability while minimizing the costs through splitting it amongst the stations.

Similarly, NAYGN members across Canada from various chapters collaborate and promote our shared values of safety, leadership, and reliability.

Conclusion:

NAYGN's Durham chapter supports the 25 year license renewal application by NB Power's PLNGS.

Sincerely,

Zohab Paracha, NAYGN Public Relations Chair

Other Signatories:

Taylor Seo
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