



**Written submission from
ARC Clean Energy Canada Inc.**

**Mémoire d'
ARC Clean Energy Canada Inc.**

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

March 23, 2022

Canadian Nuclear Safety Commission
Registrar/Secretariat
280 Slater Street, P. O. Box 1046
Ottawa, ON K1P 5S9
EMAIL: interventions@cnsccsn.gc.ca

RE: Point Lepreau Operating License Renewal (Ref. 2022-H-02)

We write today to state our support for the renewal of the operating license for New Brunswick Power's Point Lepreau Nuclear Generating Station (Reference your file 2022-H-02). Please include our statement in your consideration of the license application during the public hearing of the Canadian Nuclear Safety Commission on May 11 & 12, 2022.

ARC Clean Energy Canada Inc. (ARC Canada) is a clean energy technology company developing the ARC-100, an advanced small modular reactor (SMR) offering inherently safe, reliable, and economical carbon free power. The ARC-100's simple, modular design provides 100 megawatts of electricity that is cost competitive with fossil fuels. ARC Canada has established its Head Office in Saint John, New Brunswick.

After reviewing many technologies, the Province of New Brunswick selected the ARC-100 as one of two clean energy solutions it intends to implement on their Point Lepreau site. Since 2018, we have been working with NB Power to establish the province as the hub for supply chain and technical support as advanced SMR technology is deployed in Canada and internationally.

The Point Lepreau Nuclear Generating Station has operated safely for about 40 years, and today contributes more than a third of the energy used by New Brunswickers. The low-carbon energy from the Station is almost completely free of greenhouse gas emissions and will continue to be even more important in the years to come, as New Brunswick and all of Canada strives to achieve a net zero carbon future.

ARC Canada is benefitting from the experience and expertise of our peers at NB Power. As partners, we have observed professionalism and a dedication to excellence. These attributes most definitely contribute to the station's reputation as a world-class operator with an exemplary safety record.

We have been witness to NB Power's commitment to meaningful public engagement through our attendance and participation at their public information activities with First Nations and local community members, where we were able to share information about our company and ARC-100 project. It is clear that NB Power values public and stakeholder input and is committed to earning the trust and respect of the community.

Today, we are fortunate to be able to build on the impressive history of the Point Lepreau Nuclear Generation Station and continue the legacy that has been established by the nuclear operators in Canada before us, like NB Power. This is an impressive path for us to follow and we look forward to continuing our collaborative work for many years to come.

To support Canada's commitment to a net zero carbon future, we will need a combined suite of low-carbon energy options. The continued operation of Point Lepreau will be critical to this solution, along with emerging clean technologies like the ARC-100.

In closing, ARC Canada supports the renewal of the operating license of the Point Lepreau Nuclear Generating station. We appreciate the opportunity to provide input and comments on this important process.

Regards,

William P. Labbe, Jr.

William P. Labbe, Jr.
President & CEO, ARC Clean Energy Canada Inc.