



**Written submission from
Ross McKean**

**Mémoire de
Ross McKean**

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

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Ross McKean
Fredericton, N.B.

Canadian Nuclear Safety Commission
Attention: Commission Registry
280 Slater Street, PO Box 1046, Station B
Ottawa, ON, K1P 5S9

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Commission Registry:

Reference: Point Lepreau Nuclear Generating Station Licence
Renewal 2022

- A** I write in support of the New Brunswick Power Corporation application to renew the operating licence of the Point Lepreau Nuclear Generating Station (PLNGS). Please accept this letter as my written submission for the Licence Renewal of the Point Lepreau Nuclear Generating Station.
- A** PLNGS currently hold a 5-year operating licence which expires June 30, 2022. The Canadian Nuclear Safety Commission held the first phase of the application hearing in January 2022. The second phase of the application hearing will be held in May 2022.
- A** The CNSC must determine that NB Power is qualified to carry on the activity that the licence will authorize. CNSC must also determine that N.B. Power in carrying on that activity, will make adequate provision for the protection of the environment, the health and safety of persons and maintenance of national security and measures required

to implement international obligations to which Canada has agreed.

My support for NB Power's application, once compliance with applicable safety and regulatory requirements has been confirmed (see above) is based on the following points raised by NB Power at the first phase of the application hearing:

- Radiation Protection - a program that ensures that radiation doses and contamination level are maintained as low as reasonably achievable.
- Environmental Protection - measures that ensures the protection of the environment, including close reference to the Fisheries Act, supporting local organizations for migratory bird observations and monarch butterfly sanctuary.
- Waste Management - NB Power is committed to the safe and reliable processing of active and inactive waste and storage of these materials.
- Emergency Management - The applicant has an established plan to ensure the ability to respond to radiological and conventional emergencies.
- Nuclear Security (cyber security) - The security program supports Iqbal's nuclear safety objectives and includes a cyber security program based on agreements with local, provincial, and federal law enforcement agencies.

- Used Fuel - The plant ensures all new and used fuel bundles are stored safely on site and are regularly accounted for.
- Community Engagement - Point Lepreau is committed to strong support for community activities with special emphasis on relationships with First Nations and the local communities. A public information program for Lepreau ensures that First Nations members, local communities receive meaningful information about the nuclear station operations.

Among the factors outlined above is the explanation for why there has never been an industrial accident since the station started operations in 1983. N.B. Power's culture of safety has been characterised as one of valuing nuclear safety over other competing priorities such as production.

As well, it should be noted that PLNGS is a valuable contributor to the New Brunswick economy. It contributes \$29 million in revenue to the province that can be spent on services to communities, province wide. It also contributes 2700 direct and indirect jobs throughout the province, and employs 900 highly skilled people which has a positive effect on the communities around Lepreau.

It is also important to note that PLNGS is helping the New Brunswick economy by keeping energy costs competitive ensuring the maintenance of industries here in New Brunswick.

IV In conclusion, I am advocating the renewal of the
Operating Licence of the Point Lepreau Nuclear
Generating Station based on NB Power's presentation
at Phase One of the application hearings and based
on the expectation that NB Power will continue
to comply with required Canadian Nuclear
Safety Commission regulatory requirements.

Sincerely,

Ross McKean
Senior Citizen
Fredericton, NB