



**Written submission from
Mary Milander**

**Mémoire de
Mary Milander**

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

From: Mary Milander
Sent: March 26, 2022 10:31 PM
To: Interventions / Interventions (CNSC/CCSN)
Subject: Re: Intervention by Mary Milander for the NB Power Licence Renewal Application (Hearing Ref.2022-H-02)

Senior Tribunal Officer, Secretariat(Hearing Ref.2022-H-02)
Canadian Nuclear Safety Commission
280 Slater Street, P. Box 1046, Station B
Ottawa, Ontario K1P 5S9

From: Mary Milander
Saint John, NB E2M 2X9

March 26, 2022

Re Intervention by Mary Milander regarding the NB Power Licence Renewal Application (Hearing Ref. 2022-H-02)

To whom it may concern:

I, Mary Milander, of Saint John, NB, E2M 2X9, request to intervene in the hearing in the above referenced matter. Please consider the following comments as my written intervention to the Canadian Nuclear Safety Commission regarding the application by NB Power for licence renewal of the Point Lepreau Nuclear Generating Station.

Introduction: I am a parent, grandparent, and retired teacher with concerns about the environmental impacts of nuclear power's radioactive waste storage problems, and the great financial debt which we are leaving to our children due to higher costs to generate electricity using nuclear (compared to wind and solar, etc.), as well as the higher maintenance costs we have seen with Lepreau.

My written submission : (Hearing Ref.2022-H-02)

NB Power's request to renew the licence of Point Lepreau Nuclear Generating Station (PLNGS) for 25 years concerns me because it would effectively prevent public input during the remaining life of the station.

Uncertainties that could affect the station's safety, reliability and financial viability, make it absolutely critical that there be regular, timely opportunities for public input regarding the evolving needs and concerns of future New Brunswickers. Some of these uncertainties include indigenous land claims, freak storms associated with climate change, and actions of political and other extremists.

A licence renewal every three years, as it was for many years, or even the present five years would allow public input on decisions about whether continued operations are in the public interest. Those decisions

would include whether to throw more money into Point Lepreau Nuclear Generating Station and other nuclear, or invest greater amounts into alternate sources of power, such as wind, solar, geothermal, etc.

The CNSC must also consider the impact of radioactive wastes within this licensing hearing. **The CNSC should not continue to license nuclear power plants when no known solution yet exists for radioactive wastes.**

The Bay of Fundy is known for its biodiversity. **I am also concerned about the long-term environmental effects of the Point Lepreau Nuclear Generating Plant on the region's sea life, including the north Atlantic right whale, blue whale and fin whale, as well as on the seals, porpoise, lobster, and fish. A licensing period of three or five years allows better monitoring of environmental effects.**

I am very concerned that NB Power supports the development of Small Modular Nuclear Reactors, with the probability of extracting plutonium from the spent fuel at Lepreau. This could lead to nuclear weapons proliferation. CNSC must ban all extraction of plutonium from spent fuel at Point Lepreau.

Finally, the indigenous people of the area must be consulted, and their recommendations should be followed.

In conclusion, the CNSC must not renew the operating licence for Point Lepreau power station for the requested 25 years. Instead, the CNSC should continue to consider three or five year relicensing periods, to ensure regular public review and public input to planning as the unknowns and uncertainties of the future reveal themselves.

Please acknowledge receipt of this email.

Sincerely,

Mary Milander

Saint John, NB E2M 2X9