



**Written submission from  
Annabelle Fournier**

**Mémoire d'  
Annabelle Fournier**

In the Matter of the

À l'égard de la

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

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

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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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**From:** Annabelle Fournier  
**Sent:** March 14, 2022 12:33 PM  
**To:** cns.interventions.ccsn@canada.ca  
**Subject:** Intervention PLNGS Hearing Ref. 2022-H-02

**Please consider this email my written intervention to the Canadian Nuclear Safety Commission, regarding the license renewal of the NB Power Point Lepreau Nuclear Generating Station.**

I am a young adult whose future will be directly impacted by choosing nuclear over renewables, and who is concerned about the safety risks a 25-year license would bring.

NB Power's request to renew the license of PLNGS for 25 years would effectively prevent any public input during the remaining life of the station. A 25-year license means that we will have no chance to have our say again until 2047! I would be in my 40s, and the people making this decision now will most likely be retired by the time we will feel the repercussions.

Additionally, the Bay of Fundy is one of the natural wonders of North America. We already know that the Lepreau nuclear plant is killing fish in the Bay due to entrainment from the water intake. A 25-year license period may decrease the number of regular assessments of the decline in marine health. The marine environment immediately around the plant has abundant species of fish and many commercially significant species like cod, lobster, scallops, and dulse. In addition to the marine mammals like whales, porpoises, dolphins, and seals that frequent the Bay of Fundy, colonial waterbirds also use the area during seasonal migrations.

The Bay of Fundy is home to a number of federally protected species under the Species at Risk Act, including the North Atlantic right whale, blue whale, and fin whale. Given the globally recognized significance and biodiversity of this region, I am concerned about the long-term environmental effects of the plant, potential accidents, and its eventual decommissioning on the Bay of Fundy.

With the amount of research and studies available about the effects of nuclear power on climate change, on top of everything science has been telling us about **the pressing nature of global warming**, denying this 25-year license is a no-brainer.

**I beg you to expressly consider climate impacts and vulnerabilities when granting a license. As climate impacts become more frequent and pronounced, the CNSC must consider climate change in the context of licensing because of the major safety and environmental issues it poses to operations, health and safety. The precautionary**

**principle should guide the CNSC to, at maximum, only continue to consider 5-year relicensing periods.**

**At the very least, the CNSC must require emergency response and environmental monitoring measures to be in place which is specific to the non-human biota of the Bay of Fundy. You must not grant a license until it is demonstrated that the Bay of Fundy region is protected from radionuclide emissions at the ecosystem level and that it will be protected in the event of an accident.**

**We are counting on the CNSC to do the right thing. You have the power to prevent a potential disaster. Please, do not let my generation down.**

Please acknowledge receipt of this email.

Goodbye.  
Annabelle Fournier, 19 years old  
Caraquet, NB.