



**Written submission from
Terry Forsyth**

**Mémoire de
Terry Forsyth**

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

Sent by email on March 14, 2022

I am a member of the public concerned about nuclear and how climate change may impact the facility.

NB Power's request to renew the licence of PLNGS for 25 years would effectively prevent any public input during the remaining life of the station.

A lengthy renewal at a time when there are so many uncertainties that could affect the station's safety, reliability and financial viability, would show a flagrant disregard for the public interest. It is critical that there be regular, timely opportunities to input the evolving needs and concerns of upcoming generations in New Brunswick.

NB Power's request to renew the licence of PLNGS for 25 years would effectively prevent any public input during the remaining life of the station.

A 25-year licence means that we will have no chance to have our say again until 2047! This is a time of uncertainty as we face climate change and rapid technological advancement. The nuclear industry, in particular, is experiencing significant cost increases and lengthy delays in refurbishment and replacement of nuclear facilities. At the same time, the costs of alternate sources of power and energy efficiency are falling.

Nuclear power is particularly vulnerable to climate change effects, including thermal disruptions (e.g. heatwaves and droughts) and extreme weather events. For example, a recent [study](#) showed that extreme weather events have become the leading cause of nuclear power plant outages in North America and South and East Asia.

I Recommend that the CNSC expressly consider climate impacts and vulnerabilities when granting a licence. 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 would guide the CNSC to, at maximum, only continue to consider 5-year relicensing periods

ps. please acknowledge receipt of this email

Terry Forsyth