



**Written submission from
Marion Taylor**

**Mémoire de
Marion Taylor**

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: Marion Taylor
Sent: March 8, 2022 3:28 PM
To: Interventions / Interventions (CNSC/CCSN)
Subject: Subject line: Intervention PLNGS Hearing Ref. 2022-H-02

There are three kinds of radioactive waste, all very expensive to store. The smallest volume but the highest radioactivity is the most dangerous, the spent fuel waste. There is no permanent storage anywhere on the planet. NB Power is paying \$5 million a year to the organization looking for a permanent storage place in Ontario. If they get permission for it, it will cost about \$60 billion or more to build it. The other kinds of waste, like the Lepreau reactor itself when decommissioned, will cost a few billion at least to clean up. Not sure how much it will cost to store that waste for hundreds of thousands of years.

I am an older concerned citizen. I know there have been a number of oil spills that have been disastrous but I feel they are more able to deal with. My concern is that the nuclear waste is not clean, it is still radioactive. As far as I know the only way to deal with it is by burying it in tanks that will be there for thousands of years. And will they ever be non lethal. I think other safer sources of energy should be used ie. Windmill for one.

Burning of the nuclear waste until half life is gone. This doesn't mean the burning of waste is safe and it still has to be stored for thousands of years.

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

“please acknowledge receipt of this email”

Goodbye,

From Marion Taylor