



Oral Presentation

Exposé oral

**Written submission from
Wendy Fischer**

**Mémoire de
Wendy Fischer**

In the Matter of the

À l'égard de

**BWXT Nuclear Energy Canada Inc.,
Toronto and Peterborough Facilities**

**BWXT Nuclear Energy Canada Inc.,
installations de Toronto et Peterborough**

Application for the renewal of the licence for
Toronto and Peterborough facilities

Demande de renouvellement du permis pour les
installations de Toronto et Peterborough

Commission Public Hearing

Audience publique de la Commission

March 2 to 6, 2020

Du 2 au 6 mars 2020

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laissée en blanc*

January 25, 2020

Senior Tribunal Officer, Secretariat
Canadian Nuclear Safety Commission
280 Slater Street, P.O. Box 1046, Station B
Ottawa, Ontario K1P 5S9

Sent by email cnscc.interventions.ccsn@canada.ca

RE: Intervention by Wendy Fischer for the BWXT License Renewal (Hearing Ref. 2020 - H - 01)

To whom it may concern:

I was born in Peterborough due to my father being hired by GE in 1965 to work in the nuclear engineering department after his Waterloo Mechanical Engineering Co-op at GE. I have been working as a teacher at Prince of Wales since 2002.

The philosophy at Prince of Wales, supported by research, is that children benefit from learning outdoors. This means that teachers are encouraged to locate their lessons outside whenever feasible. The core of Ontario's Full-Day Kindergarten Program is inquiry-based and play-based learning. Teachers take their classes outside for extended play to implement inquiry programs in a natural environment.

BWXT has applied for a 10 year license that allows them to move their pelleting operation to Peterborough. This school, the rest of the neighbourhood, and the entire population of Peterborough should not be exposed to the radioactive uranium dioxide powder that escapes during the pelleting process and the transportation of uranium in and out of the plant. We should not be exposed to the risk of having tanks containing 29 million liters of hydrogen gas located in our residential neighbourhood when an accident would be catastrophic. This plant would be an obvious target for a terrorist attack, especially due to its location in a high density population area. There is no other residential area in the world that has been allowed to have a nuclear plant close by.

I am writing to ask the CNSC to not grant a license that applies to both the Toronto and Peterborough plants. Grant separate licenses. Grant licenses that are shorter than 10 years. A lot of testing needs to happen to ensure public safety and the licenses need to be shorter so they reflect that research. And finally, do not add allowance for pelleting to the license for the Peterborough plant. The International Atomic Energy Agency policy says that nuclear facilities should be located where they do not pose risk to populations. Phase out the licensing for nuclear operations in the city of Peterborough. Ensure that CNSC only licenses BWXT for operations that would be allowed in a residential neighbourhood in 2020.

Sincerely,
Wendy Fischer