



**Written submission from
Rebecca Reeves**

**Mémoire de
Rebecca Reeves**

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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To whom it may concern,

I am writing to request that the CNSC deny the application by BWXT for a 10-year license to make uranium pellets in their Peterborough plant. As a mother of two young children (one of whom attends Prince of Wales Public School, across the street from BWXT), and resident of downtown Peterborough I am deeply concerned about the potential harm this increase in processing will cause our community.

The CNSC states that it uses the ALARA principle as the basis for setting exposure limits to nuclear waste materials, while BWXT admits there will be an increase in uranium in the air and waste water due to pellet manufacturing. If CNSC truly wants exposure to be 'as low as reasonably achievable', then it would not allow BWXT to increase its current production to allow for the manufacturing of uranium pellets directly across from an elementary school in a high-density residential part of town. Children are especially vulnerable to radiation exposure and it is unfair to unwittingly expose the over 500 students and staff who have to attend the school all day every day. My son attends that school and I am terrified of how the approval of this license would affect his development and health in the years to come.

I have been told by every city council member I have talked to about this that the GE property has grandfathered zoning that allows for it to continue being an industrial park. I have been told that it "has been like this for over 100 years." This (admittedly controversial) history should not be taken into consideration when determining whether or not BWXT should be granted this license because BWXT is proposing to change the game with this license – it wants to store 9000 gallons of hydrogen on the property, and could release over 3000 times more uranium in the air than it currently does, just like at the Toronto plant (2018 Annual Compliance Monitoring Report – BWXT website).

Already BWXT exposed its own employees, and staff and students at Prince of Wales to highly toxic Beryllium when they had been using the wrong filters for masks in 2017. This is not a company that cares for the health of the community; if it did, it would not be applying for this license where it is located.

I ask you to realize that this license does not belong here in Peterborough. I am not asking BWXT to go away or stop current manufacturing. I am, however, asking the CNSC to deny a company's request to increase uranium waste and exposure in our city's downtown core, for the safety of tens of thousands of residents, and for the health and future of hundreds of children who attend school right across the street.

Sincerely,

Rebecca Reeves