



File / dossier : 6.01.07

Date: 2020-01-23

Edocs: 6107312

**Written submission from
Gordon and Claudea Usher**

**Mémoire de
Gordon et Claudea Usher**

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*

Bouchard, Julie (CNSC/CCSN)

From: Gord Usher <[REDACTED]>
Sent: Thursday, January 23, 2020 3:28 PM
To: Interventions (CNSC/CCSN)
Subject: Transfer of production of radioactive pellets from BWXT Toronto plant to its Peterborough plant

Dear Sirs:

We are writing you as very concerned citizens of Peterborough regarding the transfer of the manufacture of highly toxic uranium dioxide pellets from the BWXT's plant in Toronto to its plant in Peterborough. The health and environmental repercussions are formidable within a radius of 2 km. from the Peterborough plant. Unlike the plant of BWXT's in Toronto this area includes the centre of the City of Peterborough including 8 elementary schools and 2 high schools. a regional hospital, and the residential and downtown retail business area.. Prince of Wales elementary school is even across the road from the plant.

The National Academy of Scientists state that the scientific consensus is that there is no safe dose of radiation (which causes cancer, miscarriages, genetic defects including mental retardation).

It is bad enough that the existing Peterborough plant releases some airborne microscopic radioactive particles into the atmosphere but this pales when BWXT admitted that in 2017 and in 2018 to the release of 3,000 times more airborne uranium dust than their Peterborough plant and to releasing 94,000 times more uranium contaminated water into the sewage system than their Peterborough plant.

Please turn down this Application by BWXT Nuclear Energy Canada and save our community and its vulnerable young children from the risk to their health from the constant exposure to low level radiation.

Would you want your children to be exposed to the constant risk to their health from these microscopic radioactive particles during their growing years?

Thank you for your consideration.

Gordon & Claudea Usher