



**Written submission from
Barbara Russell**

**Mémoire de
Barbara Russell**

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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January 13, 2020

Barbara Russell

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Peterborough ON

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To Whom it May Concern,

I wish to submit an intervention to the CNSC for the GE-Hitachi BWXT application for licence renewal in Peterborough Ontario.

I am a resident of Peterborough who lives within the two kilometre radius of possible contamination risk.

When I heard that BWXT has applied for a 10-year nuclear fuel facility licence to conduct pelleting operations, I became very concerned.

I have read the Regulatory Oversight Report for Uranium and Nuclear Substance Processing Facilities in Canada: 2018, and there are a number of terms that I find disturbing, specifically, that the CNSC reports that "radiation protection programs at all facilities adequately controlled radiation exposures, keeping doses as low as reasonably achievable (ALARA).

Given that the location of the pelleting is less than 200 metres from an elementary school, ALARA does not seem an adequate measure of what is acceptable.

This site has a long history of misinforming the public about the dangers of the chemicals produced by the plant. According to the CBC documentary, *Town of Widows*, Aug 8, 2019, there are 685 disease claims from surviving family members of GE employees. With this in mind, you may better understand why the local neighbourhood and general population of Peterborough does not trust euphemistic phrases and reports that are meant to ensure us that everything is perfectly safe. In short, the number of cancer cases directly linked to the GE plant provides overwhelming evidence that the public was duped in the 70's by industrial safety talk, which years later proved false.

That the plant will be held accountable to control radiation levels only to as low as reasonably achievable is suggestive of the same dubious misinformation that people were given 40 years ago. In the report it sounds like the CNSC is attempting to assure the public that all is safe, when in fact, 20 or 30 years from now, evidence will reveal that is was not.

Children breathing the air and playing in the dirt in the school yard across the street and in the backyards of the neighbouring properties, have developing brains, and lungs. These are the developing bodies that will most likely feel the residual effects of the radiation that has been contained to *as low as reasonably achievable*, rather than as low as is proven to be completely benign to human health and development.

I respectfully request that the CNSC defer granting of this 10 year pelleting licence which would allow uranium to be processed in close proximity to a school and neighbourhood.

Sincerely,
Barbara Russell