



**Written submission from
Jamie Chadwick**

**Mémoire de
Jamie Chadwick**

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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Date: January 26, 2020

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

RE: Intervention by XX for the BWXT Licence Renewal (Hearing Ref. 2020 - H
- 01)

To whom it may concern:

My name is Jamie Chadwick and I am a resident on Brandon Ave., just down the street from the BWXT power plant. For a long time, I never even knew that a power plant existed on the same street in which I reside. They seem to do a very good job of keeping its identity relatively low profiled. And it seems many others in the neighbourhood still do not know of its existence, even being in such close proximity to their homes, their children, etc.

When I did find out, I wondered what impact this could possibly have on my fellow neighbours and myself. This is the primary issue and one that does not seem to have been properly addressed to help ease the minds and fears of those in the neighbourhood. I am quite confused as to why this would not be one of the primary goals when looking to renew the license for an additional 10-year period.

From my research I see that BWXT maintains industrial insurance and this information is considered proprietary. As a resident living so close, I am uneasy as to why this information would not be privy to all of us. This in and of itself makes me feel extremely uncomfortable and leads me to believe that the insurance policies in place are not something the residents of the area should be comfortable with. Anything of this degree, which has an impact on the area and its residents, should not be private information and I would like to think this would be something they would be happy to share to help put the minds of those around it at ease.

As the federal government is approving a massive expansion of fossil fuel infrastructure at the time of a global climate crisis, it is reasonable to argue that the federal government and its regulatory agencies lack the credibility required to make decisions, especially when it comes to protecting public safety and the environment, which is a resident of the neighbourhood is my primary concern. And as unified city, which I consider one of the best in the world, I would like to think that it would be for all those proposing this extension as well.

According to BWXT's CNSC approved Compliance Monitoring Reports, the Toronto facility has released 46.2 grams of uranium into the air, and 3.62 kilograms of uranium into the sewer system over the past five years. While BWXT reps contend those numbers are "miniscule," Dr. Gordon Edwards of the Canadian Coalition for Nuclear Responsibility thinks otherwise. At the public health meeting on December 3, 2019, which was organized by CARN and held at Prince of Wales Public School, Dr. Edwards revealed that each gram of uranium that escapes BWXT's filters in Toronto is made up of approximately 7.8 trillion particles.

Dr. Cathy Vakil of the Canadian Association of Physicians for the Environment warned that "if you inhale a particle of uranium, the cells right close by are damaged. And if the DNA is damaged, you are at risk for cancer." Should a neighbourhood in the middle of as densely populated city be at such a risk? I think we all know the answer to this. And as a resident close by to the plant, it clearly puts my family and myself at a greater risk.

While I do understand this plant has been in its current location for quite some time, the circumstances around it have changed. This has become a densely populated area with many families and young children living within a very close proximity. Many schools are within a stones throw and residential buildings are being put up all around the area. This neighbourhood will only become more highly populated as time goes on and our city continues to grow. Does a power plant producing half of all nuclear fuel use in Canada's reactors belong in the middle of a highly populated, residential area in the middle of the city? It seems that most similar plants in North America are located anywhere but.

I am a realistic individual who understands that just picking up and moving a plant is not something that can be done overnight. I can begin to understand the business implications and finances at risk in doing so. But at one point the safety and comfort of those around it has to trump the business interests of those involved. Would you feel comfortable with your family living so close? Without any reassurances? And all while the plant itself is doing everything it can to conceal its identity and keeping crucial information away from the people whom it impacts the greatest?

Sincerely,

Jamie Chadwick