



File / dossier : 6.01.07

Date: 2020-01-26

Edocs: 6108029

**Written submission from
Stacy Smith Barriault**

**Mémoire de
Stacy Smith Barriault**

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*

01/26/2020

Senior Tribunal Officer,
secretariat Canadian Nuclear Safety Commission
280 Slater street, P.O. Box 1046, station B Ottawa, ON, k1p5s9

Re: Intervention requested by Stacy Smith Barriault in regards to the BWXT license renewal (hearing ref. 2020-H-01)

I am writing to you today as a concerned citizen, as well as mother of a sweet little boy who goes to Prince of Wales Public School, which sits only a matter of feet away from the BWXT factory that currently emits Beryllium, as well as some uranium.

I was completely unaware of this until recently. I was saddened to have found out just how close the Beryllium smoke stack is to the Prince of Wales Kindergarten yard. My little boy was playing on that yard only 3 years ago and has been subjected to these toxins, as he would currently be to this day. I am angry, and worried about the potential damage this may have already caused him in the long run, as well as other vulnerable children. Some of whom have a higher than average susceptibility to respiratory illnesses, cancers, kidney, and liver issues. Beryllium is a serious toxin. Parents and staff at Prince of Wales WHERE NOT TOLD!

Upon having come across this information I set out to tell as many parents as I could. Not a single parent at that school I asked knew about what is currently being pumped out, or what BWXT planned on doing despite the fact that they apparently like to keep the community in the loop. I read this on line and was angry when I did. We weren't warned of anything. My family, and neighbours have never received anything in the mail. Nothing on the radio, no phone calls. I found out about this in the paper after it appeared that other citizens had somehow managed to come across this information and speak up about it.

Now it's a social media debate against those who work at the plant vs worried parents and residence. This has caused problems in our community. This factory shouldn't be doing what it is currently doing let alone requesting a license to attempt something so careless as to work with enriched uranium powder! There are always risks in working with these materials. It has been proven, and admitted by the BWXT, the CDC, and the Government of Canada. Working with enriched powdered uranium (an alpha radioactive substance) next to a school is completely nuts! It's despicable that this has been considered.

Why would the CNSC consider granting a license to BWXT, in a closely packed residential neighbourhood when there is already a plant in Toronto? Perhaps due to the fact that the immediate area is for the most part considered low income?? Why has the CNSC not asked what the safety plans are? Or what changes would need to be made to the nearly 200 year old building? Why not demand to know specifically what they intend on accomplish in 10 years? It has been established that the grounds of the old GE in which BWXT sits are entirely toxic and the company should be reprimanded. The province of Ontario should be looking to make better, not worse the situation on those grounds. I have been asking a lot of questions as of late and I would also like for the CNSC to note that there is no current safety plan in place for the school so

very close to the factory. I have asked. They haven't contacted the school about safety procedures in the case of an emergency.

Many of us would also like to know why we would consider trucking these substances through a condensed city? I have found recently an article about a tractor trailer containing yellow cake uranium that flipped over on a highway in Saskatchewan. This was in 2016 I believe. Luckily the truck was on a highway always from the nearest major city, but what if that happened here? Picture what that would look like on a windy day with children playing on the yard.

The request from BWXT for a flexible 10 year license is asking for way too much. I respectfully request that the CNSC not grant BWXT the pelleting license they are currently seeking, and that they MOVE their beryllium smoke stack AWAY from Prince of Wales public school.

Stacy Smith Barriault