



**Written submission from  
Ruth Pezzack**

**Mémoire de  
Ruth Pezzack**

In the Matter of the

À l'égard de

**BWXT Nuclear Energy Canada Inc.,  
Toronto and Peterborough Facilities**

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**BWXT Nuclear Energy Canada Inc.,  
installations de Toronto et Peterborough**

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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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**From:** Ruth Pezzack  
**Sent:** January 24, 2020 12:20 PM  
**To:** Interventions (CNSC/CCSN)  
**Cc:**  
**Subject:** Intervention by Ruth Pezzack

Senior Tribunal Officer, Secretariat  
Canadian Nuclear Safety Commission

RE: BWXT Licence Renewal (Hearing Ref. 2020 H- 01)

To whom it may concern:

Ruth Pezzack requests to intervene in the hearing in the above referenced matter.

Please find attached my submission to the Canadian Nuclear Safety Commission regarding the licence renewal of the

BWXT facilities in Peterborough ON

The following are some issues I would like answered:

Financial Guarantee

- has the proposed \$48.1 million changed
- how does this compare to other similar facilities of a similar age?
- are you aware of the leakage into the marina area from the Peterborough location a few years ago?

Authorized Operating Limits for Possession and Processing of Uranium

- does BWXT plan to operate at lesser/full capacity limits?
- What is the division of operations between facilities?
- What is the effect on a change in end product (I.e. pelleting)?

New Licence Conditions

- WHEN WILL THE BDXT or IEMP SUBMIT AND IMPLEMENT AN UPDATED \*\*\*\*\*ENVIRONMENTAL MONITORING PROGRAM at each of the schools within the 2km. Radius of the facility before the production of fuel pellets?\*\*\*\*\*
- Who will oversee the program and how frequently will it be conducted?
- What remediation would be taken?

Length Of Licence

- a one to three year length is a bare minimum length of a licence.
- two licences are needed, one for Peterborough and one for Toronto. The communities are different from a socioeconomic standpoint.

Miscellaneous:

Have you considered enriched and low enriched uranium for small reactors?

How will the facility be modified?

Peterborough has many vulnerable senior citizens as a percent of its population. Has their health and safety been considered? What are the consequences for the vulnerable population?

Why was a city the size of Peterborough be considered?

Thank you for your time and consideration.

Ruth Pezzack  
Peterborough, Ontario