



**Written submission from  
Caroline (Cara) Peterman**

**Mémoire de  
Caroline (Cara) Peterman**

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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To: The Canadian Nuclear Safety Commission

January 25, 2020

From: Caroline (Cara) Peterman, Peterborough, Ontario

Statement of Purpose (Intervention): I am contacting you to register my disagreement with the decision to allow BWXT- Nuclear Energy Canada (formerly General Electric- Hitachi) to receive a ten year license for the production of uranium dioxide fuel pellets on the already polluted grounds of the former CGE facility in the centre of a residential neighbourhood and located 24 metres from the playground of Prince of Wales Elementary School.

Has history and experience taught us nothing in dealing with the nuclear industry. It must be kept a substantial distance from homes, schools and places of business where people congregate on a daily basis. Most dangerous of all will be the long term effects for children and as we all now know the workers as such a facility where human life is held in such little regard. It is a well-known fact in Peterborough that the effects from the use of chemicals in the manufacture of products made by CGE has caused irreparable damage to the health of many workers at the facility where the buildings and the land have yet to be remediated. Soil samples taken from the parking lot area and from as far away as the bottom of Little Lake in the centre of a city of 85,000 people have shown that radiation levels are above acceptable limits. It is our chance to stop this insanity now. The scientific evidence has been presented to residents of the area to demonstrate that this is a tragedy in the making. The residents of Port Hope are dealing with problems today caused by the uranium industry in the past. The current BWXT plant in Toronto on Lansdowne has already shown that soil levels are above what is normal. Despite the principal of ALARA we know from experts like Keith Baverstock, former chief radiatic expert for WHO that crucial epidemiological and biological data have been underestimated for radiation levels where the public is concerned.

“If we recognized that this is an inexact science (the measurement of radiation effects on populations), that we don’t have all the information and that we shouldn’t risk the health of our children, it is an absolute no-brainer that we should not have such a facility (BWXT pelleting) in the middle of Peterborough”. Dr. Cathy Vakil- Physicians for Global Survival.

The decision to approve the license of BWXT for 10 years has not been granted with the health of our community and individual lives being considered. CNSC should be an independent body that would listen to the concerns of citizens and also protect them against radiation. No amount of radiation is acceptable for humans and for our local environment which has already endured damage by the former CGE. Take the time to watch the excellent film “Town of Widows” and to listen to the concerns of citizens and neighbours. Now is the time to stop this

facility being put in proximity to so many lives. If government is so determined to go ahead with nuclear power facilities then why are sites not being studied that do not impact on so many people. Why isn't a facility being built to house this procedure that could have enhanced safety features and not damage our environment for years to come. Haven't there been enough examples of this already in the many sites around Ontario poisoned by mining, pulp and paper and the nuclear industry.

Thank you for your consideration on this critical issue.