



CMD 26-M13.46

Date: 2026-04-20

**Written Submission from the
Lakelands Public Health**

**Mémoire de
Lakelands Public Health**

In the matter of the

À l'égard de la

**Mid-term update from BWXT Nuclear
Energy Canada Inc. on licensed activities
at its Toronto and Peterborough facilities**

**Mise à jour de mi-parcours sur les
activités autorisées de BWXT Nuclear
Energy Canada Inc. à ses installations de
Toronto et de Peterborough**

Commission Meeting

Réunion de la Commission

May 2026

Mai 2026

April 20, 2026

Canadian Nuclear Safety Commission
280 Slater Street, P.O. Box 1046, Station B
Ottawa, ON K1P 5S9
interventions@cnscccsn.gc.ca

Dear Canadian Nuclear Safety Commission Members,

RE: Mid-term review of the BWXT Nuclear Energy Canada Inc. Class 1B Fuel Facility Operating Licence for the Peterborough, Ontario facility, valid from January 1, 2021, to December 31, 2030 (FFL-3620.00/2030)

Please accept this written submission with respect to the above-mentioned mid-term licence review for BWXT Nuclear Energy Canada Inc. (BWXT). The comments made in this submission pertain to the Peterborough BWXT facility, which falls within the geographical jurisdiction served by the Board of Health for the Haliburton Kawartha Northumberland Peterborough Health Unit (operating name, Lakelands Public Health).

I write in my capacity as the Medical Officer of Health for the Board of Health for Lakelands Public Health which includes, within its catchment area, the Municipality of Peterborough. We have been asked by Canadian Nuclear Safety Commission (CNSC) to participate in the mid-term license review of BWXT Nuclear Energy Canada Inc. Please find our brief comment below.

On January 27, 2020, a written submission was provided by the former Peterborough County-City Health Unit, now part of Lakelands Public Health (LPH). This submission pertained to the initial Class 1B Fuel Facility Operating Licence renewal for the Peterborough BWXT facility. This submission notes:

“Further to the licence conditions outlined by CNSC staff in the CMD, Peterborough Public Health encourages commission members to consider these additional recommendations:

1. *That BWXT implement a comprehensive environmental monitoring program to provide sufficient data to assess the full extent of uranium and beryllium emissions in the surrounding area prior to any decision regarding renewal of the licence and the addition of pelleting at the Peterborough site.*

2. *That the BWXT Peterborough facility retain the services of an independent, neutral third party for soil, water, and air testing for Uranium and Beryllium, as appropriate, and publicly share all reports and test results in their entirety; and,*
3. *That the BWXT Peterborough facility establish a Community Liaison Committee (CLC) in Peterborough, similar to that which has been established in Toronto.*

We believe that these additional measures will help to increase the level of confidence that our community has in sampling results and will help to ensure that, moving forward, community concerns will be heard and addressed.”

Following the Commission’s 2020 licensing decision, BWXT has addressed the recommendations. BWXT has established a Peterborough Community Liaison Committee and expanded public reporting. The CNSC’s Independent Environmental Monitoring Program (IEMP) conducts periodic sampling of air, soil, and water in the vicinity of the BWXT Peterborough facility. Results to date indicate that uranium and beryllium levels are below applicable guidelines and are consistent with BWXT NEC’s reported data.

We acknowledge BWXT NEC’s ongoing efforts to increase public confidence in its local operations, including the establishment of the Peterborough Community Liaison Committee, in which we will continue to participate. We look forward to the continued engagement and support from the experts at the CNSC as part of their ongoing oversight of compliance with its licensing requirements.

Sincerely,

Original signed by

Dr. Thomas Piggott, MD PhD CCFP FRCPC
Medical Officer of Health and Chief Executive Officer