SPRING/SUMMER 2026

BWXT Nuclear Energy Canada – Toronto

COMMUNITY NEWSLETTER

INSIDE THIS ISSUE:

Join Our Facebook Group

Want to stay connected on all BWXT Peterborough news?

Join our Facebook Group!

To join, search for "**BWXT Nuclear Energy Canada – Community Information Group**" on Facebook or scan the QR code below.

Watch Our Virtual Tour: Natural Uranium Pellet Manufacturing

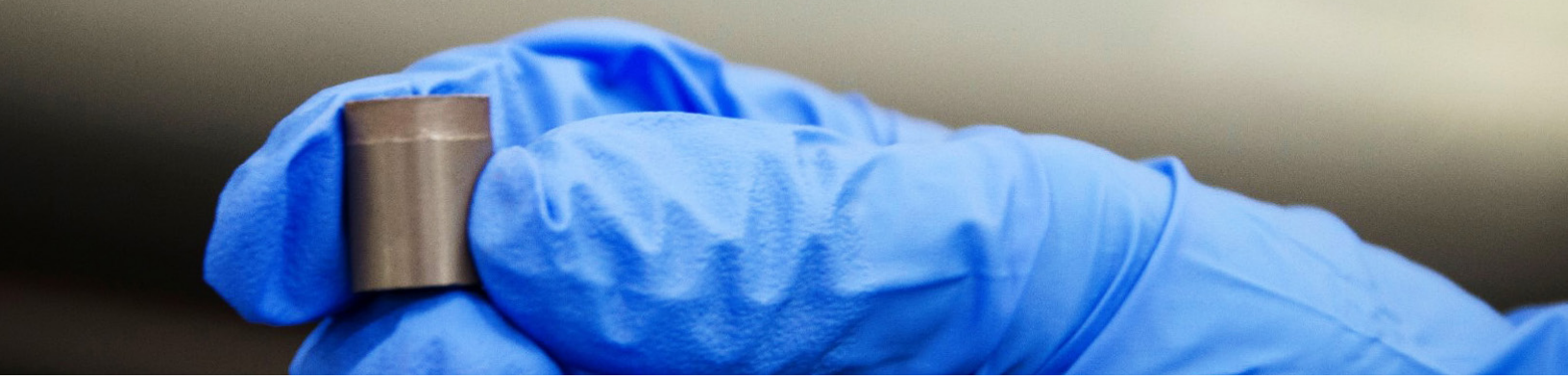
Interested to see how BWXT Nuclear Energy Canada's (BWXT) team in Davenport makes natural uranium fuel pellets? Check out our virtual tour.

Watch BWXT's Plant Manager, Jack Chong, walk through the process to make pellets. These pellets are sent to BWXT's Peterborough facility and are inserted into fuel bundles for Ontario Power Generation's reactors.

Did You Know? The fuel manufactured by BWXT goes on to power 25% of Ontario with carbon-free, reliable electricity!

During the virtual tour, you will learn how a natural uranium fuel pellet is made, see the following processes, and hear from our employees:

- Recieving/Shipping
- Blending
- Compacting/Pressing
- Sintering
- Grinding
- Environment, Health and Safety Laboratory



Upcoming: Mid-Term Meeting with the Canadian Nuclear Safety Commission

In 2020, BWXT Nuclear Energy Canada (BWXT) participated in a public hearing with Canada's nuclear regulator, the Canadian Nuclear Safety Commission (CNSC), to renew BWXT's Class IB Nuclear Fuel Facility Operating Licence for a period of 10 years. The Commission renewed BWXT's licence as two facility-specific licences (one for Peterborough and one for Toronto), valid from 2021 until 2030.

The CNSC is holding a mid-term review meeting the week of May 25, 2026, where CNSC staff and BWXT representatives will provide an update on performance from the past five years. Those who are interested can observe or participate in the meeting.

CNSC Meeting Details:

Date: Week of May 25, 2026
Place: Peterborough area (exact location to be confirmed) and/or virtually via Zoom
Time: As set by the agenda which will be published prior to the meeting date

The CNSC provides an opportunity for interventions during the meeting and the deadline to provide a written intervention is April 17, 2026. To submit an intervention, you can use the CNSC's online request form on their website, email the Registry at **interventions@cnsc.gc.ca**, or contact their Registry directly.

To connect with a member of BWXT's team, contact us at **questions@bwxt.com** or 1.855.696.9588.

Learn More:

To learn more about this upcoming meeting, visit our website at **nec.bwxt.com** or scan the QR code below.

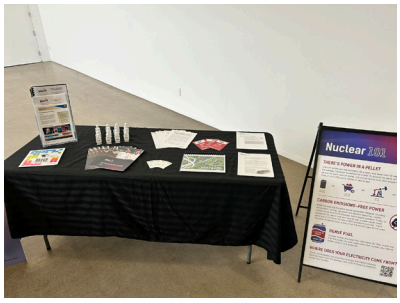
On our website, we have a dedicated webpage with all the key information about this upcoming meeting, including the CNSC's meeting notice, important dates, submission documents from BWXT, documentation from CNSC, and more.

As information becomes available by the CNSC, our dedicated website page will be updated. We have also prepared a *Mid-Term Review Meeting Guide*, which includes information about the meeting and BWXT.

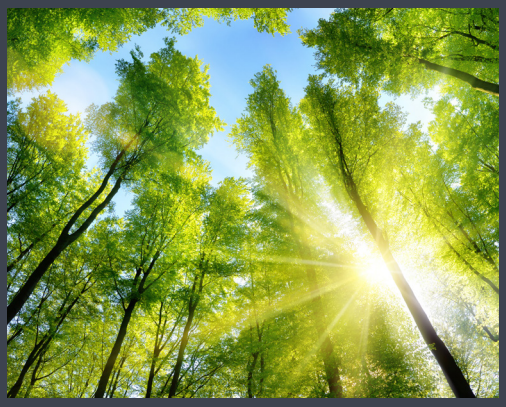
Community Event Thank You

In case you missed it, we recently held a Community Connect Information Event at The Primrose (2 Primrose Avenue) on March 5 from 4:00-7:00 p.m. to meet with community members and answer questions. We appreciate everyone who came to this event and look forward to continuing to find opportunities to engage.

To ensure you don't miss out on future events, join our email list. By joining you will receive BWXT news direct to your inbox. Scan the QR code to join or visit **nec.bwxt.com**.



Canadian Nuclear Safety Commission's 2025 Independent Environmental Monitoring Program Results



The Canadian Nuclear Safety Commission (CNSC) conducts their own environmental sampling through their initiative called the Independent Environmental Monitoring Program (IEMP). This program verifies that the public and the environment around licensed nuclear facilities are safe.

The IEMP involves taking samples from public areas around facilities and measuring and analyzing the amount of radiological and hazardous substances. CNSC staff collect the samples and send them to their laboratory for testing and analysis.

The CNSC recently released results from their 2025 IEMP, which details sampling from areas around BWXT's Toronto facility at 1025 Lansdowne Avenue.

The CNSC's IEMP is conducted in addition to BWXT's environmental program which demonstrates that the public and the environment are protected from emissions related to our facility's activities.

As noted by the CNSC, "IEMP results from 2014, 2016, 2018, 2019, 2022 and 2025 are consistent with the results submitted by BWXT NEC, supporting our assessment that the licensee's environmental protection program is effective. The results add to the body of evidence that people and the environment in the vicinity of BWXT NEC – Toronto are protected and that there are no anticipated health impacts from the operation of the facilities on the site."

The 2025 results are available on the CNSC's website and linked from BWXT's website at **nec.bwxt.com**.

About BWXT in Davenport

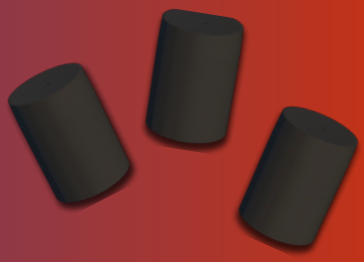
BWXT Nuclear Energy Canada has been involved with the CANDU industry from its earliest years. In Toronto, we employ approximately 40 people in high-tech, engineering, manufacturing and administrative positions. Our Toronto facility is licensed by Canada's nuclear regulator, the Canadian Nuclear Safety Commission.

Manufacturing Fuel to Power Ontario

At our facility on Lansdowne Avenue, we make ceramic pellets from natural uranium dioxide powder. We receive the powder from Cameco Corporation in Port Hope. After our manufacturing process, which involves pressing the powder into shape, baking the pellets in a hydrogen furnance, grinding the pellets to a precise size and inspection, we send the pellets to our Peterborough site where they are placed into fuel bundles for CANDU power stations in Ontario.

Did You Know?

The natural uranium pellets produced at our facility in Toronto go on to power **25% of Ontario** with greenhouse gas emissions-free, reliable, afforable electricity!



Fewer than 10 natural uranium pellets are needed to power the average Canadian household for a year[1]

To generate the same amount of electricity as **one natural uranium pellet**, you would need to use 410 litres of oil, 350 cubic metres of natural gas, or 400 kg of coal[1]

1 Canadian Nuclear Association Factbook - https://cna.ca/canadian-nuclear-factbook/

Connect With Our Team

Our team is committed to connecting with the Toronto community in a timely, transparent and meaningful way. Please contact our team if you have questions, comments or concerns.

Phone: 855-696-9588
Email: questions@bwxt.com
Online: nec.bwxt.com

BWXT Nuclear Energy Canada Inc.
1025 Lansdowne Avenue
Toronto, Ontario M6H 3Z6

Scan the QR code to sign up for our emails to get BWXT news delivered direct to your inbox!