



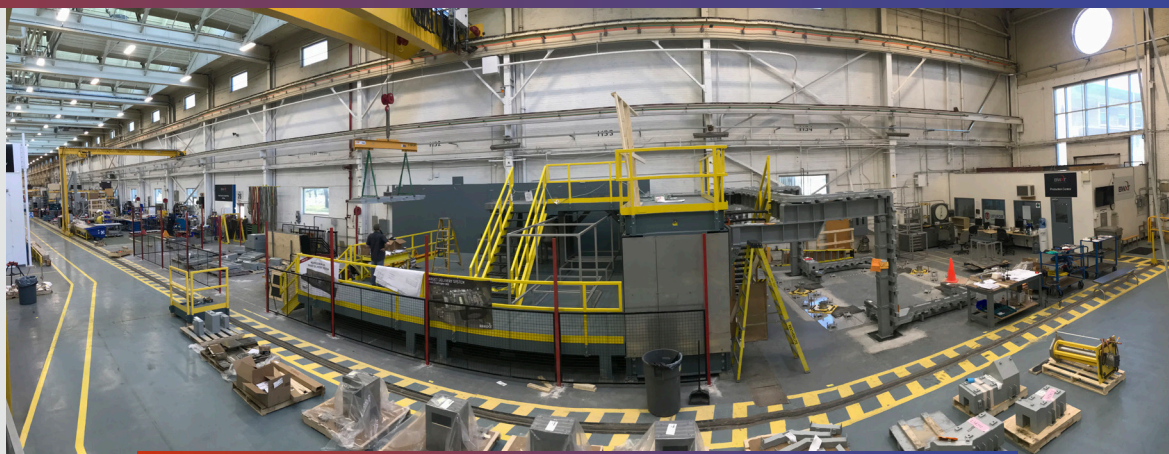
BWXT Nuclear Energy Canada - Peterborough

COMMUNITY NEWSLETTER



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Nuclear Medicine Innovations

In September, BWXT and Innovation Cluster Peterborough and the Kawarthas held a community breakfast event focused on the impacts of nuclear medicine.

BWXT's Vice President of Fuel Handling & Engineered Solutions shared how his team in Peterborough, along with Laurentis Energy Partners, developed the Target Delivery System. This innovative solution was designed, manufactured, and tested at BWXT's facility in the Peterborough community and is one of the largest medical isotope irradiation systems in the world. We also outlined that the Targets used in this complex system are manufactured in Peterborough and noted that new ones are being developed to fight cancer. The Target Delivery System is currently installed at Ontario Power Generation's Darlington reactor.

BWXT Medical's Vice President of Operations also attended to speak about how their employees in Canada manufacture and supply critical medical isotopes and radiopharmaceuticals for research, diagnostic and therapeutic uses. An overview on BWXT Medical's specialized workforce and facilities in Kanata and Vancouver was shared with attendees.

Through this insightful event, community members, local elected officials, and business leaders learned more about how BWXT in Peterborough fits into the world of nuclear medicine.

Join Our Facebook Group!

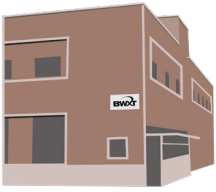
Want to stay connected on all BWXT Peterborough news?

Join our Facebook Group!

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



GE Vernova's Notice of Intent



Recently, GE Vernova submitted a Notice of Intent to demolish a number of empty buildings at their Peterborough site between Park Street and Monaghan Road. BWXT acquired the nuclear part of the GE business at the end of 2016, however, the nuclear manufacturing work carried out by BWXT has been ongoing at this site for over 60 years. BWXT currently leases four buildings from GE and will continue to operate at this location. To learn more about GE's plans for the site, visit their website at www.gevernova-peterborough.com.

Fundraiser for the Peterborough Humane Society

On a warm and sunny September afternoon, BWXT employees came together to support a cause close to many hearts – the Peterborough Humane Society. Our volunteers organized an ice cream fundraiser, dishing out scoops of Kawartha Dairy ice cream for employees in exchange for donations.

Representatives from the Peterborough Humane Society joined with friendly volunteers and a very special guest named Deisel. Together, we raised over \$1,000 in just a couple of hours! All proceeds were donated to the Peterborough Humane Society, where they will contribute to the shelter and care for over 1,500 lost, injured, and abandoned animals each year.



Annual Drill Complete



At BWXT, safety remains our highest priority. In October, we held our annual fall emergency drill in collaboration with Peterborough Fire Services. We regularly perform drills to ensure response to any emergency event is coordinated and effective.

All employees are trained on fire prevention measures, emergency situation responses, emergency evacuation routes and their specific responsibilities, and we have a comprehensive emergency response plan in place. We use multiple tools to communicate drill information to community members in advance, such as mailers, banners, and social media. We however do not communicate drill dates or times publicly as that would influence employee response, thereby defeating the purpose of the exercise.

As a reminder for neighbours, we ask that you please keep our facility entrance clear during a drill or emergency to ensure first responders are able to easily access the site. There are no loud sirens during a drill or emergency and BWXT contemplates all accident scenarios, including low probability events. There are no requirements for the public to shelter in place or evacuate during a drill or emergency due to a release of radiation from our site. No credible accident scenarios from a release of radiation were identified in the Safety Analysis Reports that would require shelter in place or evacuation. Our Peterborough site does not house a nuclear reactor, but rather manufactures fuel bundles using natural uranium pellets, which cannot become highly radioactive until they are installed in a nuclear reactor. In any drill or emergency, you can contact our team at questions@bwxt.com or 1.855.696.9588 to learn more and get updates.

2025 Soil Sampling Results Available

On August 6, BWXT conducted routine soil sampling for the presence of beryllium and uranium at several sites in Peterborough, including Prince of Wales Public School on Monaghan Road.



The soil samples were once again obtained and analyzed by an independent laboratory. A representative from Curve Lake First Nation's Consultation Department attended the sampling along with members from BWXT's Community Liaison Committee.

The 2025 report concluded the following:

- The 2025 concentrations for beryllium and uranium are comparable to those measured from 2020 to 2024.
- Based on the results of the annual 2025 surface soil sampling program, there is no evidence that beryllium or uranium used at the BWXT facility have impacted soils in the specified testing areas.

As part of the 2025 campaign, an additional background sample was taken at Curve Lake First Nation's Pow Wow Grounds.

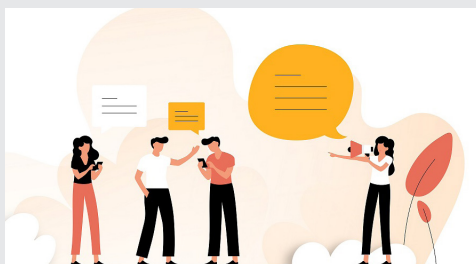
These results, along with all the other sampling results for both uranium and beryllium were well below the Canadian Council of Ministers of the Environment's guidelines for the protection of environmental and human health.



Scan the QR code or visit our website at www.nec.bwxt.com to learn more and read the full 2025 soil sampling report



Join Our Community Liaison Committee!



Local citizens and representatives of community organizations are invited to apply to BWXT's Peterborough Community Liaison Committee.

The Community Liaison Committee is a forum for the exchange of information between BWXT and members of the community near our facility at 1160 Monaghan Road, Peterborough.

As part of this volunteer committee, community members have the opportunity to raise questions or concerns and help BWXT identify opportunities to improve outreach efforts.

The deadline to apply is **December 13, 2025**.

Apply Now!

Scan the QR code or visit our website at www.nec.bwxt.com to submit your application to join our Community Liaison Committee!



Proudly Supporting Nuclear Power and Nuclear Medicine

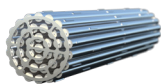
BWXT Nuclear Energy Canada has been involved with the CANDU industry from its earliest years. At our Peterborough facility, we employ over 400 skilled people in high-tech, engineering, manufacturing and administrative positions. Over 150 of these employees are engineers in disciplines such as software development, metallurgy, mechanical engineering, electrical engineering and systems engineering. Our Peterborough facility is licensed by Canada's nuclear regulator, the Canadian Nuclear Safety Commission.



Fuel Bundle Manufacturing

Our employees assemble fuel bundles for use in CANDU power reactors. Natural uranium pellets produced at our Toronto facility and zirconium tubes manufactured at our Arnprior facility are shipped to our Peterborough site, where they are assembled into fuel bundles.

The fuel bundles manufactured at our Peterborough facility go on to power 25% of Ontario with reliable, greenhouse gas emissions-free electricity!

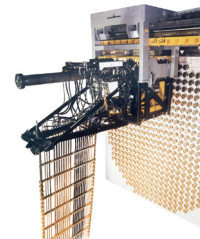


CANDU Fuel Bundle

Innovative Nuclear Power Solutions

Our employees design, engineer and manufacture highly technical tooling. These systems can inspect and maintain power reactors, reducing radiation doses to workers and decreasing outage times.

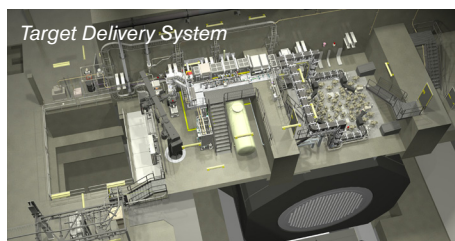
Our Peterborough site is where the original CANDU fuel handling systems were manufactured. This site has been involved in the nuclear power industry from its earliest days.



Fuelling Machine

Design, Engineering and Manufacturing for Nuclear Medicine

To enable a stable supply of nuclear medicine, BWXT and Laurentis Energy Partners (a subsidiary of Ontario Power Generation) designed and manufactured a complex system that lowers BWXT-manufactured medical isotope targets into a CANDU reactor where they become irradiated. BWXT installed this system at Ontario Power Generation's Darlington site.



Target Delivery System

Once the targets are irradiated, they are shipped to BWXT Medical's facility in Kanata, where they are processed to be used by pharmacies and hospitals worldwide. Currently, this system is used for diagnostic imaging to help detect illnesses like cancer and heart disease. In the future, the system installed at Ontario Power Generation's Darlington site may be used to produce other medical isotopes that are designed to treat cancer.



Target

Connect With Our Team

Our team is committed to connecting with the Peterborough 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

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