

BWXT Nuclear Energy Canada - Toronto



COMMUNITY NEWSLETTER

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Supporting Local Food Security

This summer, a group of BWXT employees spent the morning at Oasis Dufferin Community Centre volunteering at their food bank program.

The BWXT team, along with a group of dedicated community members, helped unload and organize boxes of fresh produce and nonperishable goods. These items go on to help hundreds of families and individuals experiencing food insecurity in the Davenport area by providing access to healthy food.

This volunteer event was a great opportunity to support a vital organization in the community and see firsthand the significant impact small actions can have.

To echo the volunteer work, BWXT awarded funding to continue to support Oasis Dufferin Community Centre. This funding was used to purchase hygiene and toiletry items for those in need.



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.



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 Toronto 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.



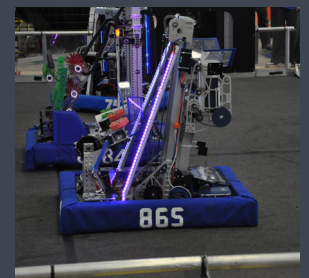
In any drill or emergency, you can contact our team at questions@bwxt.com or 1.855.696.9588 to learn more and get updates.

Advancing Local STEM Education

As part of our commitment to supporting STEM (science, technology, engineering, math) education, BWXT has proudly provided student award funding to Western Technical-Commercial School for many years. In addition to providing student award funding, BWXT is also a longtime sponsor of their FIRST Robotics Team 865 WARP7.

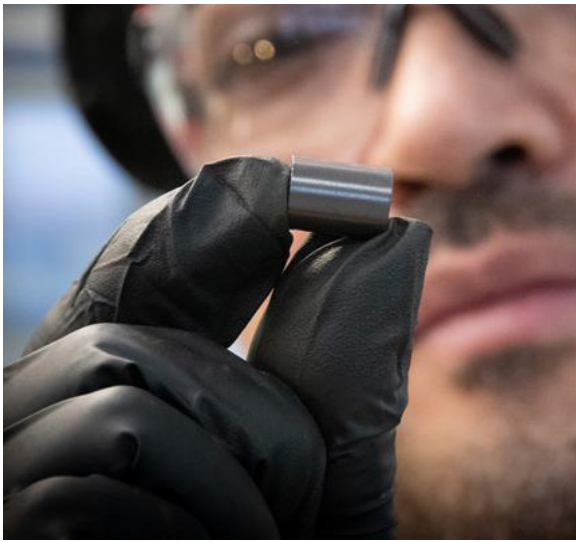
Each year, high school students design, build and program a working robot to compete in a global challenge - all within a six-week time frame. Providing hands-on experience in engineering, programming, and teamwork, the FIRST Robotics program is an incredible opportunity for young minds to build real-world skills, gain confidence, and collaborate with mentors in STEM fields.

Students from Team 865 WARP7 have participated in some of our community engagement events to showcase their robot. We look forward to continuing to support this important initiative.



Watch Our Virtual Tour: Natural Uranium Pellet Manufacturing

Interested to see how BWXT's 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.

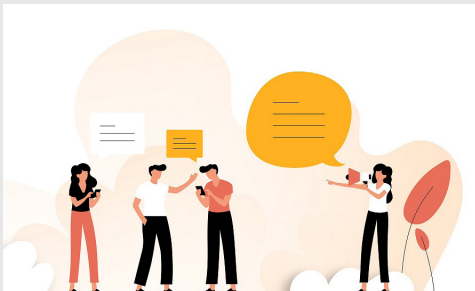
During the virtual tour, you will see the following processes, and hear from employees who work at the facility!

- Receiving/Shipping
- Blending
- Compacting/Pressing
- Sintering
- Grinding
- Environment, Health & Safety Laboratory



Scan the QR code to watch Our Virtual Tour!

Join Our Community Liaison Committee!



Local citizens and representatives of community organizations are invited to apply to BWXT's Toronto 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 1025 Lansdowne Avenue, Toronto.

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!





About BWXT in Davenport

BWXT Nuclear Energy Canada has been involved with the CANDU industry from its earliest years. In Toronto, we employ 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 furnace, 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.

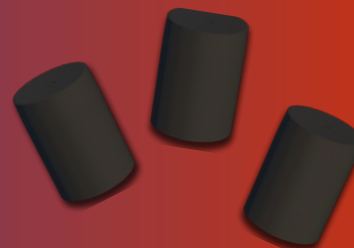


Did You Know?



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

Fewer than 10 natural uranium pellets are needed to power the average Canadian household for a year¹



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 coal¹

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

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