SPRING/SUMMER 2025

BWXT Nuclear Energy Canada - Toronto

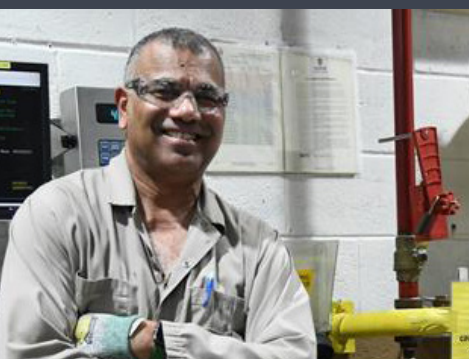
COMMUNITY NEWSLETTER

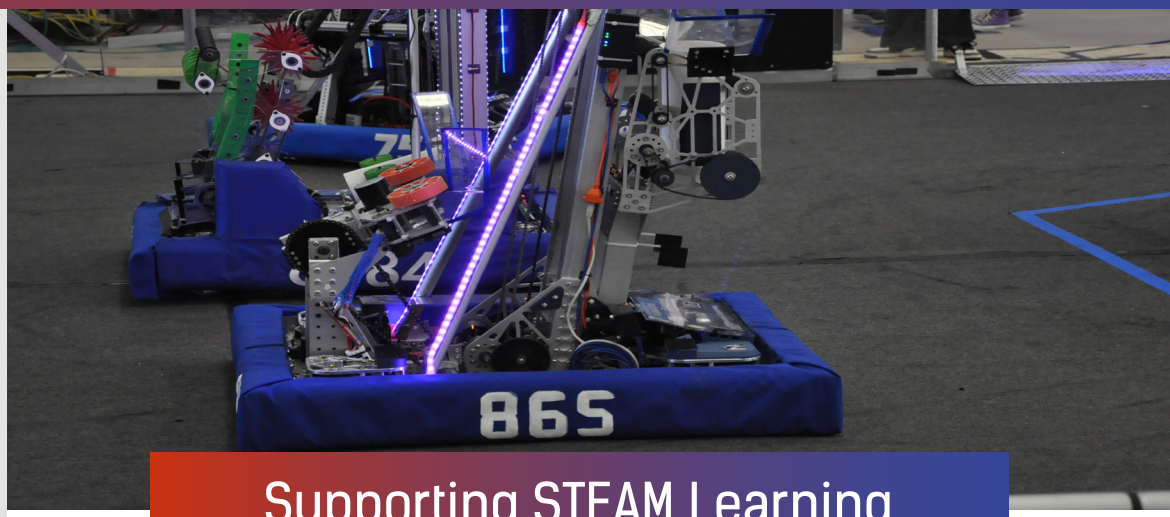
INSIDE THIS ISSUE:

POWER YOUR CAREER

Our innovative culture of collaboration and an engaging work environment is embedded in everything we do.

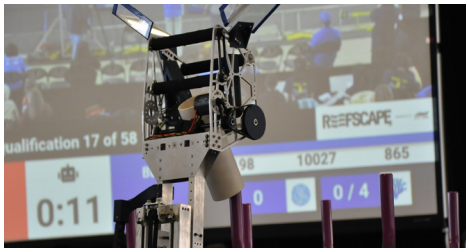
Visit **www.bwxt.com/careers** to learn about our current career opportunities





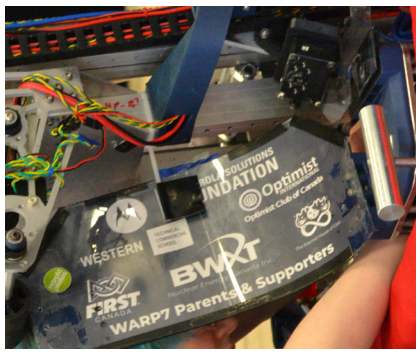
Supporting STEAM Learning

As long-time sponsors of Western Technical-Commercial School's FIRST Robotics Program, we were thrilled to see Team 865-WARP 7 demonstrate their remarkable knowledge and skill in Science, Technology, Engineering, Art, and Math (STEAM) during the FIRST Robotics Competition earlier this spring.



This dedicated group of high school students showcased their skills in the practical application of designing, manufacturing, assembling, and programing a robot to compete in this prestigious annual event.

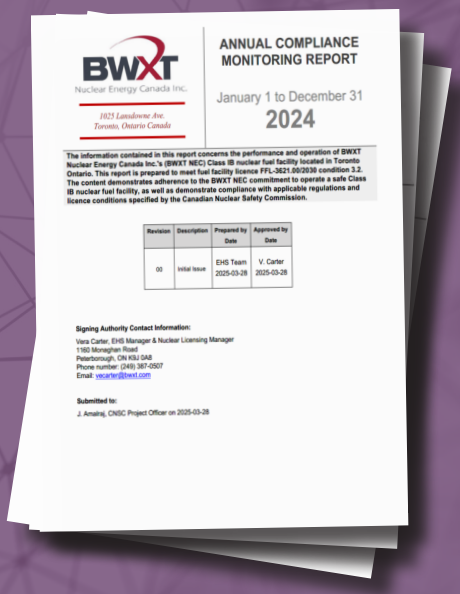
To additionally support local students at Western Technical-Commercial School, BWXT provides annual student awards to assist young STEAM students in fulfilling their potential at their chosen post-secondary school. We hope some of these young learners will come work for us in the future.



Congratulations to Team 865-WARP 7 on another successful year!

2024 Annual Compliance Report Available

Each year, we submit an Annual Compliance Report to Canada's nuclear regulator, the Canadian Nuclear Safety Commission (CNSC). The purpose of the Annual Compliance Report is to demonstrate adherence to our commitment to operate a safe Class IB nuclear fuel facility, as well as demonstrate compliance with the applicable regulations and licence conditions specified by the CNSC. The report, which is reviewed by CNSC Staff, provides information related to our performance across the CNSC's 14 Safety and Control Areas.



To read the full report and learn more, scan the QR code or visit our website at nec.bwxt.com.

Environmental Monitoring

The safety of our employees, members of the public and the environment is our first priority. At our facility in Toronto, uranium emissions and public dose are measured to ensure we are operating in a safe and responsible manner.

What is radiation? Radiation is energy in the form of waves or particles. Radiation doesn't just come from nuclear energy – it's all around us. We're exposed to both natural and man-made sources of radiation every day and there are two types of radiation: ionizing and non-ionizing.

What is uranium? Uranium is a naturally occurring, weakly radioactive element that is present at low levels in the environment. This element is found naturally in soil and rocks, in the water we drink and even in the air we breathe. Because uranium is a naturally occurring, low-level radioactive material that is found across virtually all parts of our environment, it contributes to what is called "natural background radiation."

The Canadian Nuclear Safety Commission regulates the nuclear energy industry to limit the radiation that nuclear energy workers and members of the public receive. The regulatory limit for members of the public is 1 mSv (millisievert) per year. The average natural background radiation exposure for people living in Canada is 1.8 mSv.

Included below is an infographic to help illustrate radiation and public dose. Learn more at nec.bwxt.com.

Radiation In Our Daily Lives

0.14 mSv
The estimated annual public dose to the nearest neighbour of BWXT's Toronto facility

1.8 mSv
The average annual dose from natural background radiation in Canada

1.15 mSv
The average annual dose from indoor radon in Canada

0.07 mSv
The dose from living in a brick or concrete building

0.04 mSv
The dose from a flight from Toronto to London, U.K.

0.005 mSv
The dose from a dental x-ray

Indigenous Relations Roadmap Progress

Last summer, we launched our Indigenous Relations Roadmap to guide our efforts toward Indigenous Truth and Reconciliation. This roadmap includes seven themes with specific goals (see graphic below for the themes), recommended actions, progress metrics, and responsible owners.

In the fall, we formed an Oversight Committee to help implement the roadmap across BWXT's sites in Canada. Since then, the committee has updated our plan with approved actions and shared it with internal and external stakeholders. The committee meets every other month to continue progress.

Curious to learn more? Check out BWXT's Indigenous Relations Roadmap on our website at nec.bwxt.com.

Honouring May 5: Red Dress Day for Missing and Murdered Indigenous Women, Girls, and Two-Spirit Individuals (MMIWG2S)

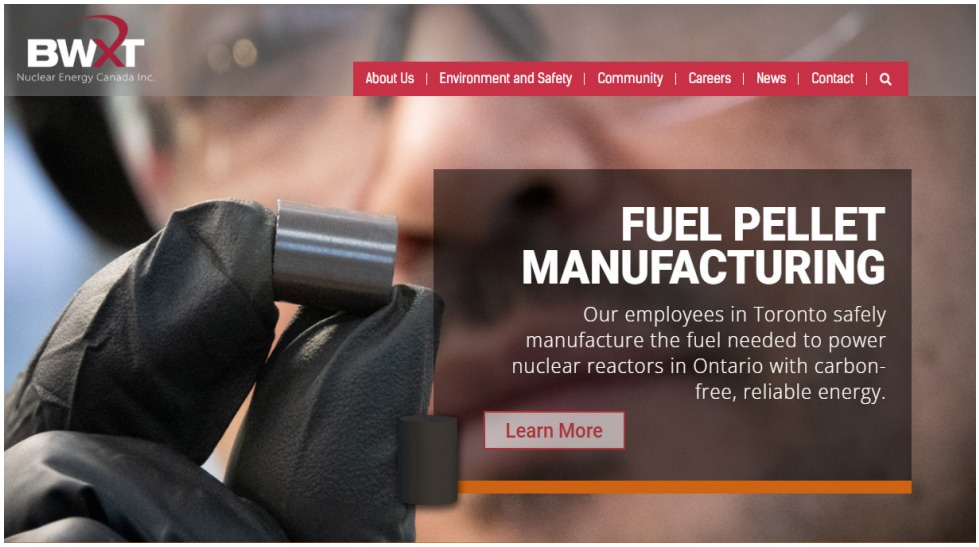
Our Indigenous Relations Committee recently shared an internal education campaign with employees outlining the importance of this date of remembrance. The goal of Red Dress Day is to honour and bring awareness to the thousands of Indigenous women, girls, and two-spirit people who have gone missing or who have been murdered. The day was inspired in 2010 by Jamie Black, a Métis artist in Winnipeg, who hung hundreds of red dresses in public places to bring awareness to this issue.

The committee provided a link for employees to read "Reclaiming Power and Place: The Final Report of the National Inquiry into Missing and Murdered Indigenous Women and Girls" as well as a link to purchase red dress pins from Whetung Ojibwa Centre in Curve Lake First Nation.

Our Website Has a New Look – Check It Out!

We recently launched our newly redesigned community information website! With a fresh look, improved navigation and mobile-friendly design, it enhances user experience and highlights our commitment to safety, community and capabilities, community engagement, and expertise more effectively.

Visit our new website at nec.bwxt.com or scan the QR code to see our new look!



About BWXT in Davenport

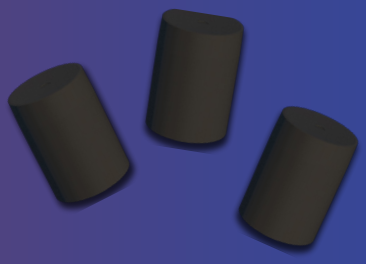
BWXT Nuclear Energy Canada has been involved with the CANDU industry from its earliest years. In Toronto, we employ 40 people in high-tech, engineering, manufacturing and administrative positions. Our Toronto facility is licensed by Canada's nuclear regulator, the Canadian Nuclear Safety Commission.

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 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.

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Online: nec.bwxt.com

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