



Nuclear Energy Canada Inc.

# COMMUNITY NEWSLETTER

Proudly supporting our community and supplying the fuel that powers 1/4 of the province!

WINTER 2021

1160 Monaghan Road, Peterborough, ON

## INSIDE THIS ISSUE:

- 1 CNSC Record of Decision
- 1 Public Attitude Survey Results
- 1 Join Our Email List
- 2 Environmental Dashboard
- 2 Follow Us on Social Media
- 2 Fuel Bundle Process
- 2 Talk To Us



## WANT TO STAY INFORMED?

### JOIN OUR EMAIL LIST

Subscribe to our regular email updates to receive key information on our operations, licence, controlled emissions, safety, public information program and more - directly to your inbox!

#### How do I subscribe?

Send an email to our team at [questions@bwxt.com](mailto:questions@bwxt.com) or visit our website at [nec.bwxt.com](http://nec.bwxt.com) to subscribe on our Contact page.

## CNSC Announces Record of Decision on BWXT Nuclear Energy Canada's Licence Renewal

On December 21, 2020, the Canadian Nuclear Safety Commission (CNSC) issued a news release on their decision to renew BWXT Nuclear Energy Canada Inc.'s (BWXT NEC) licence for a period of 10 years. The Commission renewed BWXT NEC's licence as two separate facility-specific licences for the locations in Peterborough and Toronto. These licences take effect January 1, 2021 and are valid until December 31, 2030.

We expect the full Record of Decision will be made available soon on the CNSC's website at [nuclearsafety.gc.ca/](http://nuclearsafety.gc.ca/). BWXT NEC will also make this document available on its website once it is available at [nec.bwxt.com](http://nec.bwxt.com).

BWXT NEC submitted its application to renew its Class IB Nuclear Fuel Facility Operating Licence to the CNSC on November 12, 2018. The previous licence was issued on January 1, 2011 and was valid until December 31, 2020.

Please contact us at [questions@bwxt.com](mailto:questions@bwxt.com) or 1.855.696.9588 if you have any questions, comments or concerns on our new licences.

---

## Public Attitude Survey Results Available Online

From mid-October to the end of November, BWXT NEC conducted community surveying to better understand the perspectives of its neighbours as they relate to the company. BWXT NEC commissioned Ipsos, an independent research firm that surveyed for BWXT NEC in 2018, to conduct telephone and online surveying.

Neighbours to the BWXT NEC facility were eligible to complete the survey and be entered into a draw to win a \$500 Visa gift card. In total, 346 surveys were completed. BWXT NEC appreciates those who took the time to provide this valuable feedback.

BWXT NEC is pleased to share the results of the 2020 survey and additionally provide comparative 2018 survey data. Information gathered from these survey results will help BWXT NEC identify strengths and areas for improvement in order to update its public information program. The 2018 and 2020 reports can be found on our public information website at:

[www.bwxt.com/bwxt-nec/community/community-surveying](http://www.bwxt.com/bwxt-nec/community/community-surveying).

If you have any questions, comments or concerns on the survey results, please contact us at [questions@bwxt.com](mailto:questions@bwxt.com) or 1.855.696.9588.



## Environmental Dashboard

During the licence renewal hearing in March, 2020, BWXT NEC committed to making more of its environmental monitoring data available to the public on its public information website. Some intervenors noted that they had to wait until our Annual Compliance Report was published to see the data from the previous year.

To demonstrate increased transparency and provide more data to our neighbours, BWXT NEC is developing Environmental Dashboard documents which will be published to its website soon. These Dashboards will include more fulsome emissions data than is currently found in our annual compliance reports.

More information will be shared on our website and social media channels soon. Contact us at [questions@bwxt.com](mailto:questions@bwxt.com) or 1.855.696.9588 if you have any questions, comments or concerns.

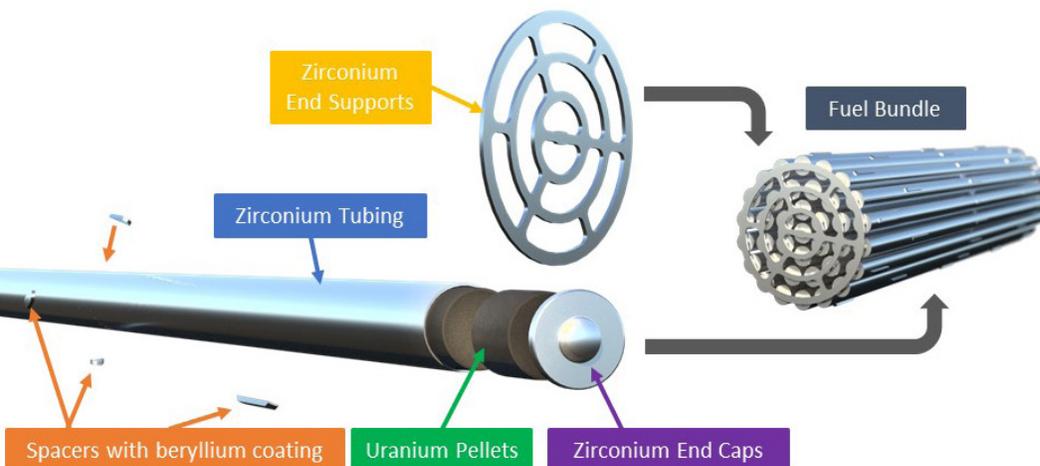


# FOLLOW US ON SOCIAL MEDIA!

Search for our handle  
[@bwxtnecc](https://twitter.com/bwxtnecc) or  
*BWXT Nuclear Energy Canada  
Inc.* to find our profiles.

## How It's Made: Fuel Bundle

In Peterborough, we assemble fuel bundles for CANDU® reactors. The fuel bundles we assemble are sent to Ontario Power Generation's Darlington and Pickering Nuclear Generating Stations which provide power to 1 in 4 homes and businesses in Ontario! Learn how our skilled employees assemble our fuel bundles below and visit our public information website at [nec.bwxt.com](http://nec.bwxt.com) to learn more about BWXT NEC.



First, spacers are punched out and fused onto the zirconium tubing (which is manufactured at our Arnprior facility) using small amounts of beryllium. The zirconium tubing is then cut to the length required and the sintered natural uranium dioxide pellets (from our Toronto facility) are sorted and automatically stacked before being loaded into the tubes. Zirconium end caps are then welded onto the tubes to hold the fuel pellets inside. Next, the loaded tubes are assembled into place and end supports are welded onto the bundle. This is how we make fuel bundles in Peterborough!

## TALK TO US

We Want to Hear From You!

Phone: 855-696-9588  
Email: [questions@bwxt.com](mailto:questions@bwxt.com)  
Online: [nec.bwxt.com](http://nec.bwxt.com)

BWXT Nuclear Energy Canada Inc.  
1025 Lansdowne Avenue  
Toronto, ON M6H 4H2

BWXT Nuclear Energy Canada Inc.  
1160 Monaghan Road  
Peterborough, ON K9J 0A8

People Strong  
INNOVATION DRIVEN >



Winter Newsletter | Page 2



Follow us on Facebook and Twitter for regular updates!