

WINTER 2016

A proud part of the community since 1965

PICKERING NUCLEAR

Neighbours Newsletter

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Future of Nuclear in Ontario

JAN. 11 ANNOUNCEMENT

In January, the Ontario Government announced its decision to invest in the refurbishment of the first of four units at the Darlington Nuclear Generating Station. The Province also approved plans to continue operating the Pickering Nuclear Generating Station to 2024.

"We've been preparing since 2009 and we're ready to deliver the job safely, on time and on budget," said OPG President and CEO Jeffrey Lyash.

The \$12.8 billion investment will generate \$14.9 billion in economic benefits to Ontario, which include thousands of construction jobs at Darlington and at some 60 Ontario companies supplying components for the job.

Continued operation of Darlington will preserve about 3,000 local jobs while providing 30-plus years of clean, reliable, base load power at a cost lower than other alternatives considered. Refurbishment of all four units is scheduled for completion by 2026.

"OPG has already delivered the single largest action in North America to combat climate change by ending the use of coal to generate electricity," added Lyash. "Having a clean, reliable electricity system with predictable, stable prices is not just an environmental achievement, it's essential to the province's long-term competitiveness."



OPG President and CEO Jeffrey Lyash at the Jan. 11 announcement event held at the Darlington Energy Complex.

It was also announced that OPG will work with the Ministry of Energy, the Independent Electricity System Operator, and the Ontario Energy Board to pursue continued operation of the Pickering Station to 2024, pending approval from the Canadian Nuclear Safety Commission (CNSC). OPG has started work on a licence application for CNSC consideration in 2018.

"Our technical work shows that Pickering can be safely operated to 2024 and that doing so would save Ontario electricity customers up to \$600 million, avoid eight million tonnes of greenhouse gas emissions and protect 4,500 jobs across Durham Region," said Lyash. "We'll work closely with our community partners as we go through this process."

For more information about this and other OPG announcements, please visit OPG.com.

Thanks for Joining us at our Community Information Session



OPG's Laura Clark (right) discusses station activities with local residents.

On Thursday, Oct. 22, Pickering Nuclear hosted a community information session. Thanks to our local residents who joined us to learn more about station operations and the potassium iodine (KI) pill distribution which took place this past fall. On hand to provide information about emergency preparedness in the community were representatives from the CNSC and Durham Emergency Management Office.

If you were unable to attend, plan to join us at this year's session taking place in the fall. You can also give us a call and we'll send you a copy of the presentation materials from the session - 905-837-7272.

ONTARIOPOWER
GENERATION



Brian McGee
Senior Vice President
Pickering Nuclear

I'm proud to start by saying that in 2015, the Pickering site achieved a historic best performance in safety, reliability and human performance. In addition, I would like to highlight some of last year's key station accomplishments, including

achieving the highest generation since 1995 at 21 TWh (six units in 2015 vs. eight units in 1995). The site also reached a unit capability factor greater than 90 per cent on all units that did not undergo a planned outage in 2015, including greater than 95 per cent on Units 4 and 8. And lastly, the Pickering team supported Darlington and the provincial electrical system through a successful Vacuum Building Outage.

The next few months are going to be busy with several projects taking place. As you may have read on the cover of this newsletter, we had a big announcement take place on Monday, Jan. 11. OPG is moving ahead with Darlington's refurbishment and will work with the Ministry of Energy, the Independent Electricity System Operator, and the Ontario Energy Board to pursue continued operation of the Pickering Station to 2024.

This decision to continue operating Pickering is based on feasibility studies that show the plant can safely and reliably operate to 2024. I'm confident operating our station to 2024 is the right decision. It means 4,500 jobs remain in the Durham Region, not to mention continued reliable, low-cost, greenhouse gas-free power while the province refurbishes the Darlington and Bruce stations.

Any plan to extend Pickering's life will require approval from the Canadian Nuclear Safety Commission (CNSC). Work is now underway to prepare for our licence application which will go to the CNSC for approval in 2018.

As always, if you have questions about our operations, our Information Centre staff would be pleased to assist you. I hope you find the rest of the newsletter informative, and we look forward to seeing you at one of our upcoming community events.

OPG Receives CNSC Approval for Darlington Re-licensing

In December, the Canadian Nuclear Safety Commission (CNSC) approved Darlington's operating licence renewal, the first ten-year licence ever granted to a Canadian nuclear power plant. The licence is valid from January 2016 until November 2025.

The licence term reflects the strong performance of the Darlington Station and the preparations we have made for refurbishment. We're ready for the Execution Phase. We've planned, practiced and prepared and now we're ready to deliver this important clean power project on time and on budget.

This announcement follows an extensive public and technical review, including a three-day public hearing held by the CNSC in Clarington last November, where OPG, CNSC and members of the public presented written and verbal positions on the terms of the licence.

For more information about Darlington, please visit: opg.com/power/nuclear/darlington



Winterfest at Pickering Nuclear

During the month of December, Pickering Nuclear hosted two holiday celebrations at the Pickering Nuclear Information Centre. On Wednesday, Dec. 8, local seniors joined us for the Seniors Winterfest Holiday Movie and Tea. Guests enjoyed a classic movie as well as a performance by the Young Singers. On Saturday, Dec. 12, we hosted our Winterfest Family Celebration which included baking, crafts and holiday fun.

Thank you to everyone who joined us.

New MRI Machine Makes a Big Difference

On Monday, Nov. 23, Pickering Nuclear Senior Vice President, Brian McGee, along with Pickering's Mayor Dave Ryan, presented members of the Rouge Valley Ajax and Pickering hospital's "Image is Everything" campaign with a cheque for a new Magnetic Resonance Imaging (MRI) machine.

"I'm very proud, on behalf of OPG, to present this cheque to the Rouge Valley Ajax and Pickering hospital," said Brian McGee. "This machine is greatly needed in our community. It means patients will no longer have to go to Toronto in order to have an MRI, making it easier for them to stay close to their families during a time when they need them the most."

"We're honored to be a part of such an important campaign for both the community and the hospital," Brian added.

In 2010, the Rouge Valley Health System Foundation launched its "Image is Everything" campaign and raised over \$5 million to fund a permanent MRI scanner at Rouge Valley Ajax and Pickering hospital campus. The MRI arrived at the hospital in 2011, and since that time the machine is used six days a week, 12 hours a day, and has served thousands of patients.

"It really is thanks to the incredible generosity of our community that our hospital is able to bring the best medical technology - like this MRI - to our patients. That means Rouge Valley can provide the best care, close to home." Tracy L. Paterson, RVHS Foundation, Vice President Development.



Pickering Nuclear Senior Vice President Brian McGee (middle) presenting a cheque to members of the RVHS along with Pickering Mayor Dave Ryan.



Salmon raised in the Information Centre hatchery become part of the overall number released into the target streams annually.

Bring Back the Salmon

Enthusiastic students from Bayview Heights Public School joined Ontario Power Generation (OPG) staff at the Pickering Information Centre for the opening of an educational salmon hatchery in Feb. This year, Pickering Nuclear received 100 salmon eggs for the hatchery. OPG is the lead partner in the Bring Back the Salmon program with the Ontario Ministry of Natural Resources, the Ontario Federation of Anglers and Hunters, and a number of other organizations.

"We are thrilled to take part in this important program designed to help restore the Atlantic salmon population in Lake Ontario by 2020 and educate local public school students about the importance of habitat, stewardship, and biodiversity" Cheryl Johnston, Senior Communication Advisor, Pickering Nuclear said. "Over the next few months, the students will track the progress of the eggs. In late spring, they will release the fry (young salmon) into Duffins Creek in Claremont Conservation Area."



MARCH BREAK MADNESS²⁰¹⁶

BROUGHT TO YOU BY OPG'S PICKERING AND DARLINGTON NUCLEAR STATIONS

MON MARCH 14

TAKE A HIKE*
WHEN: 10 am and 1 pm
WHERE: Claremont Conservation Area
 (Main entrance on Concession 7)

Find out about the creatures who call Claremont Conservation Area their home, as we hike to a variety of activity centres and finish with a warming campfire.

FREE

**Preregistration is required at www.opg.com*

WED MARCH 16

COMMUNITY SWIM
WHEN: 1 to 4 pm and 7 to 9 pm
WHERE: Pickering Recreation Complex,
 1867 Valley Farm Rd., Pickering

Lots of splashing, lots of laughing – and great exercise for all! Admission is free during program hours.

FREE

Pool has maximum occupancy, so it's first come, first served.

MON MARCH 14

SIGNS OF SPRING
WHEN: 10 am to 2 pm
WHERE: Darlington Nuclear Information Centre,
 1855 Energy Drive, Courtice

Join us to explore signs of spring through art, crafts & activities.

FREE

Drop-in throughout the day. Activities take approx. one hour.

THURS MARCH 17

FAMILY FUN AT THE FARM*
WHEN: 10 am to 2 pm
WHERE: WindReach Farm (see www.windreachfarm.org)

Enjoy snowshoeing, wagon rides and a campfire; make crafts and meet the farm animals.

FREE

**A \$20 charitable donation to the farm is appreciated. Please dress for the weather. Food and refreshments are available for purchase.*

TUES MARCH 15

KIDS SAFETY VILLAGE
WHEN: 10 am to 2 pm
WHERE: 1129 Athol St., Whitby

Explore safety in a kid-sized village!

FREE

All activities are outdoors. Please dress for the weather.

FRI MARCH 18

MAPLE TIME FUN*
WHEN: 9:30 am to 2 pm
WHERE: Purple Woods Conservation Area,
 Maple Syrup Festival, North Oshawa

Discover the wonders of Canada's famous maple trees. OPG activities are FREE but there's a \$5 per person admission fee to Purple Woods.

FREE

**Tickets must be purchased in advance at www.cloca.com*

WED MARCH 16

COMMUNITY SKATE
WHEN: 9:30 am to 1:30 pm
WHERE: South Courtice Arena,
 1595 Prestonvale Rd., Courtice

Gather your skates, helmet, family and friends. Skating is fun for everyone!

FREE

Pad A – Learners Skate; Pad B – General Public Skate

FRI MARCH 18

LET'S TALK SCIENCE*
WHEN: 10 am and 1 pm
WHERE: Pickering Nuclear Information Centre,
 1675 Montgomery Park Rd., Pickering

Calling all Scientists! Embark on a journey of discovery and unlock the mystery and magic of science.

FREE

**Preregistration is required at www.opg.com*

Programs are suitable for children aged 6 to 12. All children must be accompanied by an adult.
 For more information, please visit www.opg.com

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Neighbours



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Mailing Address:
 Ontario Power Generation
 Pickering Nuclear
 1675 Montgomery Park Rd.
 P.O. Box 160
 Pickering, Ontario L1V 2R5
opg.com

**For more information
 contact:**
 905-837-7272

Mail to:
pickeringnuclear@opg.com

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