

PICKERING NUCLEAR

Neighbours

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AND PRODUCTION

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WOMEN'S SHELTER

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New Nuclear for Durham Region



On June 16, the Province announced that OPG's Darlington site has been selected as the location for a new two-unit nuclear generating station. It was also announced that OPG will be the operator of this new facility.

This announcement represents a significant next step toward both the construction of a new nuclear station at Darlington – the first new nuclear station to be built in Ontario in more than 15 years – and meeting Ontario's growing energy needs. The announcement is good news for OPG, our employees and the Durham and Clarington communities.

"Durham Region is proud to be chosen as a host for the new build nuclear site, and we are very pleased that Ontario Power Generation is the generator of choice," stated Regional Chair Roger Anderson.

City of Pickering Mayor Dave Ryan said, "This is good news for all of Durham Region. The economic benefits will be felt in our city with our engineering and advanced manufacturing businesses, as well as potential employment opportunities."

The decision to build at Darlington was made after a careful review of all the relevant issues, including infrastructure capabilities, community support, and regulatory acceptability. The fact that Darlington was chosen is a reflection of the site's strengths in these and other categories.

Ontarians can have confidence in OPG as a future operator based on the company's history of more than 35 years of safe operation of nuclear stations in Durham Region.

Next Steps

While the announcement is welcome news, it is only one stage in a longer process that involves many steps and milestones. These include the completion of:

- the ongoing Environmental Assessment (EA) and licensing process;
- the technology selection process; and
- negotiation of contracts and financing.

All of us at OPG look forward to continuing to meet with our community partners and neighbours to hear your feedback on the project, as part of the ongoing EA process.

You can look for OPG staff at community events across Durham Region this summer, visit us at the OPG information kiosk at the Bowmanville Mall, or visit our website at www.opg.com/newbuild

Five-Year Licence Renewal for Pickering B

The Canadian Nuclear Safety Commission (CNSC) has granted Pickering B a five-year licence renewal. The decision was made following two days of hearings in Ottawa and Ajax. The new licence will be valid until June 30, 2013.

"We appreciate the recognition of our safe maintenance and operation during the current five-year licence," said Senior Vice President Pierre Tremblay. "We remain committed to safety, continuous improvement, and meeting all provisions of our licence while providing a substantial source of electricity for Ontario."



ISO 14001 Certification - Pickering Nuclear
Environmental Management System

ONTARIO POWER
GENERATION

Honoured with Durham Environmental Award



OPG's Darlington and Pickering stations were the proud recipients of a Durham Environmental Achievement Award. Pictured above are (from left): Mayor of Pickering Dave Ryan; Clarington Regional Councillor Mary Novak, and (far right) Clarington Director of Planning David Crome. Receiving the awards from OPG are Beverly Forget, Jennifer Knox and Vanessa Hughes.

OPG's Pickering Nuclear and Darlington Nuclear were the proud co-recipients of a 2007 Durham Environmental Achievement Award presented by the Durham Environmental Advisory Committee.

The Jessica Markland Partnership Award recognizes the co-operative efforts of those who enhance Durham Region's environment by building partnerships with public, community and private organizations. Employees at both stations are very proud of the long-standing

partnerships we enjoy across Durham, and greatly thank our partners from the education community, scouting, environmental organizations, local governments, and community volunteers.

Making the awards even more special, the stations were nominated by our respective host communities (Pickering and Clarington) and representatives were on hand to help present the award.

The Durham Environmental Advisory Committee is a volunteer organization that provides advice to the Region of Durham Planning Committee and staff on environmental issues affecting Durham Region.

Next Steps on Safe Storage

In 2005, OPG announced it would not be returning Pickering A Units 2 and 3 to service. The units are being transitioned to a Guaranteed Defuelled State (GDS) and OPG will conduct an Environmental Assessment (EA) to assess the unique activities required to place these two units in a GDS.

The activities that will be assessed in the GDS EA will include:

- Work related to permanently removing Units 2 and 3 from the containment boundary;
- Separating the two units from the Emergency Coolant Injection System by cutting and capping piping;
- Draining, flushing and isolating the moderator and heat transport systems, and;

- Moving some annunciation and alarms associated with the Vacuum Building.

All of this work will be completed within the existing station buildings and after all fuel has been removed.

The next steps in the EA process are:

- Canadian Nuclear Safety Commission (CNSC) will issue EA guidelines;
- OPG will prepare and submit their Environmental Impact Statement (EIS);
- CNSC will prepare an EA Screening Report; and
- Decision will be made on the proposed project by CNSC.

For more information, visit the CNSC website at www.nuclearsafety.gc.ca or learn more at www.opg.com.

Safety and Production The Perfect Balance



**A message from
Pierre Tremblay,
Pickering B site,
Vice President**

I'm pleased to report that our six units at Pickering Nuclear operated reliably at high power levels to

help meet the electrical demand across Ontario in the early part of this year.

In fact, for the month of January, our six units had an average capability factor of 90 per cent. That's solid performance at a time when reliable electrical supply was most needed.

During the spring months, we are conducting maintenance outages on our nuclear units to prepare them for the next period of high-demand over the summer months. Our employees are completing a wide range of inspections and testing to ensure the Pickering stations operate safely and reliably, especially when most needed by the province.

With energy consumers across our province counting on more than 30 per cent of their electricity from Ontario Power Generation's Pickering and Darlington nuclear stations, it's all about performance.

We are committed to meeting this challenge in 2008. And we continue to be committed to hold safety as our top priority at all times.

I was pleased to accept the Gold Award at the Electrical and Utility Safety Association's ZeroQuest Ceremony recently, as Ontario Power Generation successfully maintained its Gold Award status. The award recognizes our safety management system and the strength of our safety culture, based on corporate and site-level reviews at three of our generating facilities - Pickering B, Thunder Bay GS, and the Niagara Plant Group.

We want to send our employees home to their families in the same good health as when they arrived at work.

From all of us at Pickering Nuclear, I wish you a safe and happy summer and I hope that you will join us for our activities along the Waterfront Trail and in our community.

OPG Supports Women's Shelter Enterprise



OPG's Jody Hamade (right) poses with Herizon House Executive Director Catherine Carney-White at one of the fundraisers OPG has sponsored in support of the local women's shelter.

Herizon House, with the support of Ontario Power Generation and other community partners is hoping to turn hand-me-downs into a hand up for women and children using the local shelter.

OPG has been a supporter of the shelter since before it opened its doors in 2003 and has continued to provide financial and in-kind support for this vital support system for women in need within the Ajax-Pickering community. Now, OPG is one of many corporate and individual citizens providing further support for Herizon House's newest venture – a consignment shop, which will sell donated gently-used clothing to raise funds for the shelter.

Jody Hamade, OPG's Director of Operational and Market Risk, has served as the Herizon House Treasurer and Board member since 2006. "I was seeking an opportunity to give back to the community in which my wife and I have lived for over 20 years," says Jody. "At the same time I was looking to experience what is entailed in serving as a board member. It has been tremendously rewarding." Recently, Jody attended a fundraiser, for which OPG was a sponsor, hosted by the 'Hearts of Durham' to raise money to get the store off the ground.

Jody says the store called "New Starts from the Hearts" will open in late summer. "The idea behind the name of the

store," he explains, "is that the women at the shelter can go to the store to choose items they need to start their new life."

At the same time, Jody explains there is the aspect of the store helping to fund the shelter. A further benefit is the store will potentially provide a training ground to gain retail experience for some of the shelter's clients.

Currently, the store is accepting gently used items one day a week (Tuesdays) or by appointment. The consignment shop is located at 566 Kingston Road West in Pickering Village. Please call (905) 683-4600 for an appointment to drop off items.

10-Year Licence and New Building

The Pickering Waste Management Facility (PWMF) recently received a 10-year operating licence from the Canadian Nuclear Safety Commission and construction has begun on an additional storage building.

PWMF Manager, Mike Allan said that the long-term licence signals a well-earned vote of confidence in the facility and staff who operate it. "For the last 13 years performance at the PWMF has been outstanding," he said. "We have had no lost time accidents, no public safety events, no reportable spills and we have met 100 percent of our regulatory commitments."

All used nuclear fuel at Pickering Nuclear is safely stored in the stations' wet bays and in Dry Storage Containers in one of two storage buildings at the PWMF.

Additional used fuel dry storage space is required for continued station operations. Environmental assessment and construction licenses have been approved for two additional storage buildings.

Storage building #3 is being built for use by the second quarter of 2009 and storage building #4 will be constructed at a later date – likely not until 2015.

Big Recognition

Big Brothers and Sisters of Ajax-Pickering demonstrated their appreciation for their partnership with Ontario Power Generation (OPG) and Pickering Nuclear at their annual meeting.

Bonnie Harkness, Executive Director, presented a plaque recognizing OPG's ongoing support for all aspects of their organization's programs. She also presented a plaque recognizing OPG as the business raising the most sponsorship donations during their Bowl for Kids Sake event.

For the fifth straight year, Doug Bredewold, of Pickering Nuclear, was recognized for raising the greatest amount of sponsorship donations bringing his total to more than \$25,000. "We hope that he never retires," remarked Bonnie Harkness.

Don Terry of Public Affairs was recognized as Big Brother of the Year. Don has been matched with his Little Brother for more than eight years. Both of their lives have been enriched by the relationship and Don would be pleased to speak with anyone interested in more information about Big Brother/Big Sister program.

JOIN US! Tuesdays on the trail

**AT PICKERING
NUCLEAR**



Looking for something fun to do with your family this summer? Join us Tuesdays in July and August for free fun and educational activities at 10:00 a.m. or 1:00 p.m. on the Pickering Nuclear portion of the Waterfront Trail. Activities are approximately two hours in duration.

All activities (except sand castle building) start at the Sandy Beach Road entrance to Alex Robertson Park. Children must be accompanied by an adult. Due to the nature of program activities, day care groups and camps cannot be accommodated.

Tuesday, July 15: **Build Your Own Castle in the Sand**

Learn sculpting techniques and create a sand castle under the guidance of artist Susan Lindo of the Durham West Arts Centre. Park at the foot of Liverpool Rd. and look for the OPG tents on the beach just west of Pickering Nuclear. Dress to make a mess!

Tuesday, July 22: **Dragon Hunters**

'Scientists in the School' lead an adventure tracking down and examining dragonflies at various life stages. Do a feeding experiment with live dragonfly nymphs and assemble a dragonfly/butterfly "life cycle" wheel to take home.

Tuesday, July 29: **Microscopia**

Learn how to identify water and land insects on a bug hunt with experts from Toronto and Region Conservation. Enjoy bug- themed activities and games.

Tuesday, August 5: **Instincts for Survival**

Join Toronto and Region Conservation experts in an exciting and active food chain simulation game. Through this hands-on experience, explore predator-prey relationships and learn about energy pyramids, producers, consumers, decomposers, and food chains.

Tuesday, August 12: **Pioneer Power**

Learn how Pickering's early settlers used nature to power their lives 100 years ago with experts from Pickering Museum Village. Make a heritage toy to take home.

Tuesday, August 19: **Creating with Power**

Discover symbols and images hidden within the Kijimba Kind trail sculptures then carve your own wearable keepsake using power grinders with Dorsey James of the PineRidge Arts Council. Power tools for ages 8 and up only.

Tuesday, August 26: **Pastimes of Past Times**

Learn how families spent their leisure time 100 years ago with experts from Pickering Museum Village. Make a heritage craft.

For more information about our summer programs, please call the Pickering Nuclear Community Information Line: 905-837-7272



Be sure to tear out this list along the perforated spine and keep it handy, so you don't miss any of the fun this summer!

New DVD Describes OPG's Hydro Upgrades

Producing clean, renewable electricity from the power of water is Ontario Power Generation's heritage. Through upgrades at its hydroelectric stations OPG has added over 425 MW of capacity – enough to power over 100,000 homes each year. Learn more by ordering your free DVD "Hydroelectric Upgrades – Investing for Today and Tomorrow." Please call the Information Centre at (905) 837-7272 to order a copy. You can also view the video online at www.opg.com.

Neighbours



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