

PICKERING NUCLEAR

Neighbours Newsletter

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PROMISING RESULTS

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OPG Presented Platinum Safety Award

First in Ontario to Achieve Highest Standard



Ontario Power Generation (OPG) is the first company in Ontario to receive the ZeroQuest Platinum (Sustainability) Award from the Infrastructure Health and Safety Association (IHSA). The award recognizes OPG's efforts to sustain and improve its safety performance, safety management systems and safety culture.

"It was a privilege to accept this award on behalf of every OPG employee," said President and CEO Tom Mitchell, following the award ceremony. "We would not have reached this level without every employee and our unions working towards a common goal of zero injuries."

The Platinum Award is the highest level of recognition a company can achieve in the IHSA ZeroQuest program. It's awarded following five straight years at the Gold Award level. OPG's journey to platinum began in 2005. We were the first company in Ontario to achieve the Gold Award level.

The IHSA works with employers and workers in Ontario to eliminate occupational injury and illness. It serves the aggregates, construction, electrical, natural gas, ready-mix concrete, transportation, and utilities industries.

"Workplace safety is something every company needs to take seriously," Mitchell said. "It benefits the organization and the staff, along with their families, who have a right to expect their loved ones to return home safely at the end of the work day."

Safe Storage Project Completed

Ahead of Schedule and Under Budget

In September, Pickering Nuclear's Safe Storage Project, a five-year project to permanently remove from service and safely store reactor Units 2 and 3 at the Pickering A station, was successfully completed. Finished safely, ahead of schedule and under budget, the Safe Storage Project was a combined effort across OPG's nuclear fleet and a milestone for the Canadian nuclear industry.

The successful completion of the project is a significant achievement that took commitment and teamwork of OPG's employees and industry partners. Although other nuclear reactors have been safely stored before, OPG's Safe Storage Project was the first to permanently remove two commercial CANDU reactors from service while a multi-unit station continued to produce electricity.

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ISO 14001 Certification - Pickering Nuclear
Environmental Management System

ONTARIO POWER
GENERATION



A message from Tom Mitchell, President & CEO

Last month, I was pleased to be in Durham Region – Ontario's Energy Capital and the home of OPG's nuclear generation – to announce the next phase of our partnership with University of Ontario

Institute of Technology and Durham College.

Five years ago, we made a \$10-million investment to help advance science and technology education in Ontario. This investment recognized the need to train a new generation of energy specialists to help power the province.

Since its inception, this partnership has achieved much.

It has created a job-ready labour force, needed to help fill the gap created by ever-changing demographics in the energy industry.

And it supports learning and education – key to Ontario's future and a key focus of corporate culture at OPG.

OPG is committed to being a positive leader in communities where we operate, and in a way that benefits our business and the interests of our community, industry, and Ontario.

That's why we have announced a further investment of \$5 million to benefit UOIT and Durham College. This investment will help support the educational programs and hands-on-skills training that are vital to the success of OPG and the energy industry as a whole.

It will also help support and stimulate the economic and social development of Durham Region.

This investment will help to create highly-qualified employees for OPG's business. These future leaders will be required to support our existing operations and help manage future projects like Darlington Refurbishment and New Build.

I am confident in the foundation of our partnership and I look forward to a continued return on our investment that benefits us all.

Tom Mitchell,
President & CEO

Promising Preliminary Results for Fish Protection Net

After its first full cycle of operation, preliminary results on the effectiveness of our fish protection net are promising – indicating more than 80% annual reduction in fish impingement.

Ontario Power Generation (OPG) and our regulator, the Canadian Nuclear Safety Commission (CNSC), are committed to protection of the environment around our generating stations.

Over the past couple of years, OPG has been studying and implementing a fish mitigation program to reduce the impact on aquatic species from our electricity generating operations. As part of these mitigation efforts, in 2010, OPG installed an extensive net, from early spring to late fall, to block fish from entry into our water intake systems.

While these early results are promising, OPG environment employees will be reviewing operating experiences to identify further potential improvements. We

are also continuing discussions with the Toronto Region Conservation Authority and Central Lake Ontario Conservation Authority about new partnerships for fish habitat enhancement projects in our community.

The 610-metre net was installed across the mouth of our water intake channel in April and then removed earlier this month since it also intercepts algae and other debris which must be removed by divers. Winter weather conditions on the lake make it unsafe for the divers to clean the net. Fish are less active and less likely to enter the channel during winter months due to the colder water.

We are continuing to compile and review preliminary fish protection results with regulators such as the Canadian Nuclear Safety Commission and Department of Fisheries, along with other interested organizations. A detailed annual fish protection report will be issued for the first time in the summer of 2011.

OPG's Commitment to Security Safe Station, Safe Community

Following the tragic events of '9-11', OPG has taken great strides and invested more than \$400 million to ensure our nuclear stations are safe and secure for our staff, our communities and the stability of Ontario's electricity system.

"Working with regional, provincial, national, and international law enforcement agencies, our stations utilize sophisticated security technology and intelligence to keep our stations and communities safe," says Paul Nadeau, Vice President of Nuclear Security.

Some examples of OPG's robust security program include:

- A security clearance process that requires OPG staff to have a valid security clearance and identification card to enter the site. An in-depth security review is completed every five years for all employees and includes background and police checks. Every employee must also undergo a three-step security search each time they enter the protected area of the site.
- Physical barriers, including vehicle denial barriers, wire fencing and additional anti-intrusion measures protect the site. In addition, there is around-the-clock monitoring and patrol by nuclear security officers. This armed response presence is a requirement of the nuclear regulator, the Canadian Nuclear Safety Commission.
- Visitors to OPG's nuclear stations must receive prior approval to enter the station, through a similar security clearance and must undergo the same search process. They must also be accompanied at all times by an authorized staff member.

"Safety and security are engrained in OPG's culture," says Nadeau. "As a company, we are absolutely committed to keeping our employees, the station and our communities safe and secure."



Woman in Motion

There was a time when Marion Croft couldn't move anything but her baby finger. But earlier this year, she helped move hundreds of people in Toronto for a charity fundraiser that benefits spinal cord research.

An eight-year ambassador of the Rick Hansen Wheels in Motion event, Marion took part in this year's ribbon-cutting ceremony. The event covered 59 communities across Canada with about 4,000 Canadians participating in a walk and wheel challenge to support spinal cord injury research.

Marion who works for Ontario Power Generation (OPG) as an Office Support Representative in Pickering, said she was first inspired to help others with spinal cord injuries after meeting event founder Rick Hansen – a Canadian Paralympian who circled the globe in a wheelchair to support spinal cord injury research.

"I decided that if Rick was crazy enough to go around the world in his wheelchair, I would definitely support him," she said. "And I've been there to help ever since."

Almost completely disabled by polio when she was 19 months old, Marion has overcome much of her paralysis through learning to swim, play piano, and participate in equestrian competitions.

By 1976, Marion was strong enough to take part in horseback riding as a demonstration sport at the Olympic Games. From there, Marion became a member of the Canadian National Women's Wheelchair Basketball Team.

Marion has worked to raise funds for the Wheels in Motion since it began in 2003. "I'm very fortunate to have a good quality of life today, and I hope that other people with spinal cord injuries will have that too," she said.

Safe Storage Project Completed

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The project was challenging and complex, but it allowed OPG to demonstrate we have strong project management skills and the people in place to safely plan and complete major projects successfully. The experience gained from this project will strengthen OPG's capability for future projects including the refurbishment of the Darlington Nuclear station and potential new nuclear units at the Darlington site.

The remaining Pickering nuclear reactors continue to safely operate, producing electricity for homes, businesses and industries in the local community and across Ontario. Going forward, Pickering Nuclear will continue to help the local community thrive, just as it has for more than 35 years.

International Recognition for Biodiversity Efforts

Our biodiversity and partnership efforts offering enhanced educational opportunities to students and families has again received international recognition. The Wildlife Habitat Council has audited and re-certified our Corporate Lands for Learning status for a three-year term.

Take Pride in Pickering, Tuesdays on the Trail, and Earth Angels field trips are examples of the programs that contribute to this certification. Thanks to our employees, many community partners, volunteers, and participants that support these activities.

OPG Leases Space in New Pickering Office Tower



It was handshakes and smiles for Chief Nuclear Officer Wayne Robbins of OPG and City of Pickering Mayor Dave Ryan atop the new Vic 20 office tower.

Ontario Power Generation (OPG) has leased two floors of the new office tower being constructed on Pickering Parkway (near Liverpool and Highway 401).

The agreement will accommodate staffing moves of about 170 employees from various other locations to continue supporting nuclear activities in Durham Region.

"We value our leadership role in the community and we're pleased to continue contributing as a positive economic driver and as a proud community builder," said Wayne Robbins, Chief Nuclear Officer for OPG. "Given our commitment to sustainability, we're also proud to be part of a building that will meet Class 'A', LEED-Silver standards."

The building, which will incorporate an enclosed pedestrian walkway from the GO station over Highway 401, is scheduled to be open by spring of 2011.

"This long-term commitment by OPG will further strengthen our city's burgeoning reputation as one of Ontario's most dynamic and significant business centres," said a pleased City of Pickering Mayor Ryan. "More importantly, it will attract even more like-minded companies to Pickering, which means more jobs for our residents."



Worth A Thousand Words Tuesdays on the Trail

We don't have enough space for a thousand words describing some of the many activities we've partnered on with our community. So, we've posted a few pictures here and you can see more by visiting: www.opg.com/community/activities/pickering/index.asp

Thousands of you joined us for Tuesdays on the Trail again this past summer for programs with names like Power Rangers, Up in the Air, Wildlife Wonders, and Movie Under the Stars. We had fun too and we're already thinking about next year's activities.

FARMERS' MARKETS

Hosting farmers' markets to make local, farm fresh products available for our employees and neighbours was something new for this past year. It went so well that we can't wait to start anew next Spring.



OPERATION CLEAN SWEEP

Fifty-five employee volunteers, family and friends completed much-needed yard work at 15 homes owned by senior citizens on Oct. 23. It was the third edition of Operation Clean Sweep with a fourth planned for this coming Spring.

TAKE PRIDE IN PICKERING



More than 200 employee and community volunteers planted 650 more trees in Alex Robertson Park as part of our bi-annual Take Pride in Pickering on Oct. 30. Since 2000, more than 11,000 trees and shrubs have been planted to help create a wildlife corridor.

SANTA CLAUS PARADES

We had a lot of fun participating in this year's Santa Claus parades in Pickering and Ajax with about 10,000 of our neighbours. Our employee volunteer Cheryl Johnston and her family constructed our entry almost entirely of recycled and recovered materials.



Neighbours



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Supporting responsible use
of forest resources
www.fsc.org Cert no. SW-COC-001832
© 1996 Forest Stewardship Council



Printed on 100% recycled paper
Printed with vegetable inks

Pickering Neighbours
is published quarterly for
the neighbours of Ontario
Power Generation at
Pickering Nuclear.

Design, Print, Distribution:
OPG Office Services.

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