

PICKERING NUCLEAR

Neighbours Newsletter

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Wayne Robbins Named Leader of the Year

Chief Nuclear Officer, Wayne Robbins, has been named 2009 "Leader of the Year" by the Ontario Energy Association (OEA). The award was presented at the OEA's annual conference in Niagara Falls.

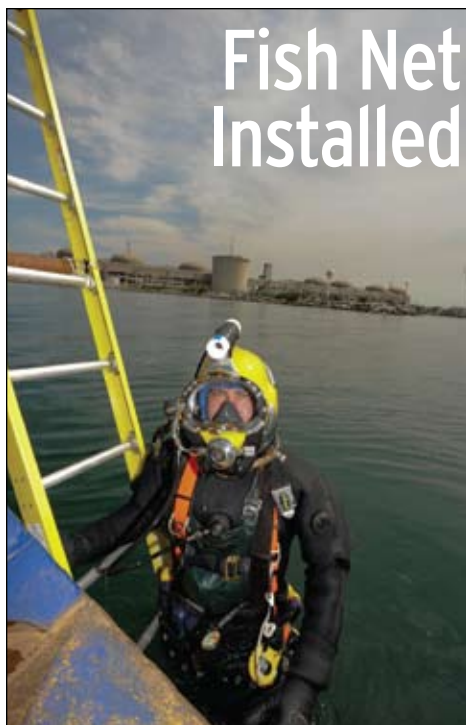
In announcing the award, Paul McMillan, OEA Interim President and CEO, praised Robbins as, "a true leader whose integrity is renowned among his peers and staff, and whose dedication to his work and employees is exemplary."

OPG has been honoured by the OEA with a major award for each of the past three years. In 2008, the Portlands Energy Centre, the partnership between OPG and TransCanada Energy, received the OEA's "Company of the Year" award and in 2007, former President and CEO, Jim Hankinson, received the OEA "Leader of the Year" award.



Paul McMillan, OEA Interim President and CEO (left) and Scott Balfour, OEA Incoming Chair (right) present the award to OPG's Wayne Robbins, OEA Leader of the Year.

Fish Net Installed



This summer, a team of OPG employees and contractors (including the diver pictured here) installed 2,000 feet of netting around the stations' cooling water intake channel in Lake Ontario. The net has two important functions: it will protect fish by keeping them away from the intake channel and it will intercept algae.

Construction began on the net in mid-July and is now safely completed --ahead of the original schedule.

The net is about 610 meters long with a half-inch mesh and will protrude about 77 meters from the southern tip of the intake channel. It is submerged to the lake bottom with 19 buoys to provide a visible warning to water craft operators who are asked to stay well clear to avoid any safety issues.

We shared information with community stakeholders, including local recreational water users before the installation work began and we will issue reminders each spring.

OPG Employee Golden in Dragon Boat

OPG employee John Law brought home eight gold medals from the 2009 World Dragon Boat Race in Prague, Czech Republic. The races ran from August 26 to 30. The competition was organized by the International Dragon Boat Federation (IDBF) and racers from 25 countries competed.

John, a Senior Technical Engineer at Pickering Nuclear, earned his medals in the 2000m, 1000m, 500m and 200m open and mixed divisions. Overall, Canada won the World Seniors Cup of 2009.

"In our division, we had strong competition from phenomenal paddling countries like the USA, Russia, Czech Republic, Poland and Germany," said John. "However, we overcame all challengers and proved that Canada is the world champion."



ISO 14001 Certification - Pickering Nuclear
Environmental Management System

ONTARIO POWER
GENERATION

Pickering Nuclear Milestones Achieved

Pickering B Nuclear Safety Review

On September 25, OPG submitted the 5,000 page Integrated Safety Review (ISR) for the Pickering B Station to the Canadian Nuclear Safety Commission (CNSC).

The 20-volume ISR report, completed over a period of more than two years, is a comprehensive assessment of plant design, condition and operation. OPG conducted the ISR in a thorough and robust manner. The report received third-party verification on the process, method and the results. This included a process review and validation by the International Atomic Energy Agency, the international nuclear oversight body.

The review concluded that the Pickering B station can operate safely for the duration of its current design life and can be safely and reliably operated today and into the future, should the decision be made to refurbish.

The ISR is just one component of the thorough studies currently underway. In performing these studies OPG considers the cost, scheduling and scope of work, operating costs, production levels and the future pricing of electricity. The conclusions of the studies will help the OPG Board of Directors reach an objective, fact-driven business decision at the appropriate time.

For more information and a summary of the report, please visit us at <http://www.opg.com/power/nuclear/pickering/pickB/overview.asp>.

Pickering Safe Storage Project

The Pickering Safe Storage Project has hit another important milestone thanks to the skills and teamwork of many Pickering Nuclear employees.

In August 2005, OPG announced that Units 2 and 3 would not be returned to service and the units would be transitioned to a Guaranteed Defuelled State. Since that time, the Pickering Safe Storage team has worked diligently to meet many project milestones, including the completion of the Environmental Assessment in December 2008.

This past winter, the team began the process of removing 59,000 litres of heavy water from both reactors. The process is known as "vacuum dry," whereby the heavy water is drained from the units and moved into a storage container where it will remain until it is returned to the system inventory to be reused in other Pickering or Darlington station systems.

Earlier this month, the vacuum dry was safely completed on Units 2 and 3; a very significant milestone for the project.

With this step complete, the team can move to the next major focus of the project- permanently relocating the reactor building containment boundaries for Units 2 and 3, which involves isolating the Unit 2 and 3 reactor buildings from the pressure relief duct, taking airlocks out of service, and physical changes to the reactor building ventilation system.



A message from
Mark Elliott,
Senior
Vice-President
of Pickering A

Across Ontario
Power Generation
and here at
Pickering Nuclear,
we're committed

to continuing to provide the people
and businesses of Ontario with clean,
safe, and reliable electricity.

I'm proud that our company produces
about 70% of the electricity used in
our province and this year almost 90%
of that electricity is produced without
emissions that harm air quality.

At this time of year, I am reminded
of another important role that our
company has here in Durham Region
and other host communities across
our province –community builder.

At Pickering Nuclear, we partner
each year with more than 100
community organizations focused on
environmental stewardship, enhanced
educational opportunities for youth,
and community building. It's part of
our commitment to sustainability and
follows the lead of our employees
who volunteer countless hours with
community organizations.

I recently joined employee and
community volunteers in planting
600 indigenous trees and shrubs at
Alex Robertson Park during our bi-
annual Take Pride in Pickering. Thanks
to similar efforts over the past few
years (more than 7,000 plantings,
nesting box installations, marsh
rehabilitation, and wetland creation),
a flourishing wildlife corridor now
provides a home there for a wide
variety of flora and fauna.

We are just wrapping up our annual
charity campaign that sees employees
designate donations to their
favourite community and charitable
organizations. Last year, almost
\$2 million dollars was committed by
OPG employees, with \$857,000 of
that coming from employees in
Durham Region.

Recently, I've attended employee-led
events celebrating Eid and Diwali,
which both raised thousands of
dollars for local charities. I'm proud
to work for a company and with co-
workers that not only embrace our
tremendously diverse backgrounds
and capabilities, but find ways to share
that strength in our host communities.



A group of more than 30 OPG employees sought out seniors in need of assistance with their yard work and spend a recent Saturday raking leaves, trimming bushes, and cleaning eaves troughs at 13 homes. After the success of the spring edition, this has now become a bi-annual event that leaves everyone involved feeling good. Pictured here (left to right) are: Vajira Jayasinghe, Riya Pandey, A.G Anandappa, Mark Tannous, and Girish Pandey.

OPG Submits Federal Approvals Documents in Support of New Nuclear at the Darlington Site

After three years of detailed studies, which included extensive public consultation to ensure an open and transparent process, OPG has submitted the Environmental Impact Statement (EIS) and updated application for the "Licence to Prepare Site" for the OPG New Nuclear at Darlington project. The submission includes more than 40 documents, with more than 14,000 pages of material which was submitted on September 30, to the Canadian Nuclear Safety Commission.

OPG's conclusions, based on the results of this assessment and taking into account mitigation measures, are that the project will not result in any significant adverse

environmental effects. Most importantly no significant adverse effects on the health and safety of workers, the public or the natural environment are anticipated. Furthermore, the project is expected to result in a number of socio-economic benefits. In June 2009, the Province of Ontario announced the suspension of Infrastructure Ontario's nuclear procurement process to select a vendor to construct the plant. In order to support future decisions, the federal approvals process continues.

For more information on the assessment, EIS documents and next steps, please visit <http://www.opg.com/newbuild>.

Patrick McNeil wins Howard Sokolowski Award



(l-r) Patrick McNeil, the 2009 Howard Sokolowski Award recipient and Edward Falkenberg, a local Durham artist, who creates a unique work of art for the award with this year's piece called "Kaboom".

The Rouge Valley Health System Foundation recognized Patrick McNeil with the 2009 Howard Sokolowski Award for his years of work supporting healthcare in the community. The annual award recognizes devotion of time, resources and leadership benefiting the Rouge Valley Ajax and Pickering hospital. It also recognizes embracement of improving healthcare in west Durham and advocating to further that goal.

Patrick is Senior Vice President, Generation Development at Ontario Power Generation, responsible for overseeing and integrating generation development activities across OPG's nuclear, hydroelectric and fossil generation business units. Recently retired from the Foundation's board of directors, he held the position of Chair from 2005 until 2007. He is now beginning a second year of service on the board of the hospital.

Safely Managing Nuclear Waste

The safe operation of our stations and management of radioactive waste are essential to ensure our license to operate. In a recent ceremony at the Pickering Waste Management Facility (PWMF), OPG's Chief Nuclear Officer Wayne Robbins officially opened a newly-built used fuel storage building and commended employees on achieving a key safety milestone.

The Pickering waste facility has been safely operating for 15 years and has never had a Lost Time Accident.

The continued safe operation at the Pickering site is also dependent on the PWMF providing additional used fuel dry storage capacity. Fuel in the reactor is replaced with new bundles and the used fuel is moved to wet fuel bays for a minimum of 10 years. They are then moved to dry storage to make room for the ongoing refueling process. The timely and cost-effective construction and commissioning of this third storage building has created additional storage for the future production of electricity.

Young Buds in the Park

Greg Mills and his son, Liam joined about 150 volunteers to help plant about 600 indigenous trees and shrubs at Alex Robertson Park in late October. Thanks to a successful partnership between Ontario Power Generation, Toronto Region Conservation Authority, City of Pickering, Environmental Sustainable Pickering, along with other community groups and volunteers more than 7,000 plantings have been made in the park as part of a wildlife corridor. Greg works at Pickering Nuclear as an Engineer and is a member of our volunteer employee environmental Green Team.



YOU ASKED US

How much radiation were local residents exposed to because of the Pickering station operations?

Very little is the short answer. At most, a nearby resident could have received 4.1 microsieverts of additional radiation dose which is 0.4% of the 1,000 microsievert regulatory limit set by the Canadian Nuclear Safety Commission. By way of comparison, a dental x-ray exposes you to 100 microsieverts and a flight to Vancouver would add 40 microsieverts of exposure. You can view the entire 2008 Radiological Environmental Monitoring Program report at www.opg.com.

Tuesdays on the trail

We enjoyed another rain-free summer for our Tuesdays on the Trail program. Thanks to all of our community partners for their help in hosting so many families for hands-on, fun, educational experiences along our portion of the Waterfront Trail. We're already busy planning next year's edition!

We hope you enjoy these photos from this past summer.



Join us for Winterfest



We're a proud partner of the City of Pickering's Winterfest again this year and invite you to join us for two events we're hosting at the Pickering Nuclear Information Centre (1675 Montgomery Park Road).

Registration is required for the events.

Seniors

Wednesday, December 9
1 p.m.

Holiday movie: It's a Wonderful Life

Plus, join in with guests from Young Singers as they sing holiday classics. Tea & cookies will be served.

To register, please call our Community Information Line at 905-837-7272 between 9 a.m. and 3:30 p.m. and press "0" to speak with us.

Families

Saturday, December 12

Learn how snow is made and create your own snowflakes, cookies, and snowman ornaments.

Get more details and register at www.opg.com/community.

Neighbours



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