

Neighbours

A proud part of the community since 1978

Fall 2007



Darlington Employees Achieve Significant Safety Milestone

At Ontario Power Generation (OPG) safely operating our nuclear generating stations is always our first priority. Mirrored by an industry-leading operational safety record, we are most proud of our employee safety record.

On September 21, 2007 Darlington employees achieved an important milestone that reflects the commitment to safety, not only by OPG as a corporation but by each individual who works at our station.

On October 26, 2007, the Lions Club of Courtice held a ceremony to thank the Ontario Trillium Foundation for their grant and the community partners of the Millennium Trail Project for making it a success. Special recognition was given to Courtice Secondary School teachers and students whose labours included laying 300 tons of limestone to the trails, fabricating garbage containers and planting 89 native trees. This is a great community project which was made possible by the following partners: Lions Club of Courtice, Central Lake Ontario Conservation, Clarington Accessibility Committee, Courtice Secondary School, Durham Land Stewardship Council, Friends of Second Marsh, the Municipality of Clarington, and Ontario Power Generation.

Together Darlington employees achieved three million hours worked without a lost-time accident.

"Each of us makes an important contribution to Darlington's success every day," Darlington's Senior Vice President Wayne Robbins told Darlington staff. "Our jobs demand our full attention, with responsibilities that matter to this plant, to OPG, and to the province of Ontario. But nothing that you do – nothing – is more important than safety."

"With close to 3,000 men and women working safely at Darlington this is a significant accomplishment," he added.

In fact, since that date employees have continued to work safely, and surpassed a full year (365 days) worked without a lost-time accident.

in this issue

A message from Tom Mitchell *pg. 2*

EA Preparatory Work Underway *pg. 2*

Update on Station Performance *pg. 3*

OPG President Honoured *pg. 3*

Thanks for Joining Us *pg. 4*



ISO 14001 Certification - Darlington Nuclear
Environmental Management System

ONTARIOPOWER
GENERATION

EA Work Underway on the Waterfront Trail



Once installed, testing wells being dug on the Darlington Nuclear site will look like this.

Darlington Waterfront Trail users may have noticed some activity on the trail and site recently.

OPG is performing a variety of field work around the Darlington site, to assist in the collection of data, as part of the Environmental Assessment (EA) for the potential Darlington B Nuclear Generating Station. Although some of the work is expected to be completed by year-end, there will be continued field data collection into 2008.

The types of monitoring activities that are taking place are varied.

- To monitor groundwater, we are installing approximately 65 - 90 groundwater monitoring wells in the area;
- To monitor air quality, we are installing up to three air sampling stations around the perimeter of the site;

- To monitor water quality and sediment, sampling will be performed at the on-site ponds and creeks. We will also be sampling and monitoring aquatic biota (animal and plant life) in Lake Ontario near the Darlington station and potential new site; and,

- To better understand our cultural heritage we will be conducting archaeological field investigations of areas around the potential new Darlington B site.

Our trail and soccer fields will remain open. Disruption to users will be kept to a minimum.

OPG recently submitted a project description for proposed new nuclear reactors at the Darlington site. For more information about this project, please visit the Darlington B project website at www.opg.com/newbuild, or call us at 1-866-487-6006.



A message from Tom Mitchell

A commitment to Ontario, present and future, at OPG Nuclear

Ontario Power Generation's nuclear operations have had cause for real celebration and have also met some real

challenges in the first three quarters of 2007.

Our employees at Darlington and Pickering B both celebrated significant safety milestones recently reaching three million hours worked without a lost-time accident while Pickering A has achieved a milestone of 1.5 million. This safety achievement is a reflection of OPG's commitment to operating our stations with the highest regard for safety every day.

Darlington Nuclear has had industry-leading production results so far this year with performance in the top quartile industry wide. Darlington's success and its operational practices have attracted attention from our industry peers. We have proudly hosted visitors from nuclear plants worldwide to share these practices. At the same time, we have used these visits to learn from the experience of our counterparts for our own continued improvement.

We did face a challenge this year at our Pickering A station. We brought the two operating units down in the spring to work on a backup safety electrical system. The units were performing well when this decision was made. Although this back-up system has never been called upon, we made a conservative decision to shut down so we could fully inspect and perform work on the backup system to ensure it will perform as expected, should it ever be needed. It is never our preference to take units out of commission during the high-demand summer period. But safe, conservative operation of our facilities is our commitment to the communities we operate in.

With the strong diversity of OPG's generation operations and the performance of our Darlington and Pickering B stations, OPG was able to meet its production commitment this summer while completing this work.

As we continue to operate our plants with a commitment to safety and performance, we are ever watchful of the future needs of Ontario residents and businesses. OPG continues with the Environmental Assessment (EA) and business case study for consideration of potential Pickering B refurbishment and new build reactors at our Darlington site.

Visit our web site www.opg.com to learn more about our current operations and work on-going to study the potential for future generation.

Tom Mitchell
Chief Nuclear Officer,
Ontario Power Generation



Strong safety and station performance highlights third quarter

Safe, reliable and cost-effective electricity production is what Darlington strives for every day, and our third quarter results show that we

continue to see the benefits of our efforts and commitment to safety and operations.

Not only are we on track to meet business plan commitments, but our safety and station performance are being recognized by industry members from across Canada and around the world. It is high praise indeed when industry peers come to Darlington to learn about our programs and processes. While Darlington has expertise and success to share with others, we also benefit from these exchanges as an opportunity to learn how we can maintain continuous improvement.

The most important performance measure we have is safety. It is also one area where our employees see strong performance. By the end of the third quarter, Darlington employees had surpassed

three million hours worked without a lost-time accident and recently surpassed 365 days without a lost-time accident.

Station performance has continued to be strong throughout the third quarter, just as we began shutting down Unit 2 for our planned maintenance outage. By the end of September, generation output was 20.75 terawatts hours of electricity, on track to meet our year-end goal. As well, our performance has been predictable and reliable. "Forced loss rate" is any time we are short one megawatt of what is expected output. Our performance in this area is 0.53 per cent, an industry-leading level. This measure of reliability is one reason why Darlington has had industry-leading production results so far this year with performance in the top quartile in our industry. Gross Capability Factor represents how often our plant operates at 100 per cent full power when we promised it would. We are tracking well at 90.7 per cent.

Our strong station performance is a reflection of the efforts of all Darlington employees to meet our commitments to the people of Ontario, to operate our station as safely and reliably as we can, each and every day.

Jim Hankinson named Leader of the Year



Ontario Power Generation (OPG), and its employees, are proud that our President and CEO, Jim Hankinson, has been awarded with the 2007 Leader of the Year Award by the Ontario Energy Association (OEA). This is an honour for Jim and for all of OPG.

The OEA is one of Ontario's most important energy trade organizations, whose members collectively employ about 32,000 Ontarians. Candidates of the "Leader of the Year" award are judged against a demanding set of criteria -- including the ability to establish a clear corporate vision; achieve success in meeting goals; stay the course; embrace challenge; and earn the respect of stakeholders.

The award was presented to Jim at the OEA's Conference Dinner in Niagara Falls. In his acceptance speech, Jim attributed his success at OPG to its people -- our Board of Directors, senior management team, and especially all OPG employees - who have worked so hard to make OPG a success.

Our 'new look' coming soon

The Darlington Nuclear Information Centre is in the final stages of our renovation. In the new year, the exhibit area will be full of new and interesting displays.

During renovations, the Centre has continued to be open to visitors of all ages. We invite you and your family to come and learn more about our operations, experience the rich biodiversity on our site and take a stroll on the Waterfront Trail.

Coming in the new year, watch for more information about our grand re-opening. Our hours of operation are Monday to Friday (excluding holidays) from 9:00 a.m. – 3:30 p.m.

Tuesdays on the trail

Thanks for joining us...

We've had a busy summer and fall, partnering with many community groups at fun and educational events across Durham Region like our "Tuesdays on the Trail" program, Durham Children's Groundwater Festival, the Terry Fox Run, and Clarington Family Safety day. We thank you for joining us and making our community a great place to live and work.



CNSC issues five-year operating licence for Darlington Waste Management Facility

Following two-days of public hearings, the Canadian Nuclear Safety Commission (CNSC) announced recently its decision to issue an operating licence for OPG's Darlington Waste Management Facility. The licence is valid for a five-year period, until October 31, 2012.

The Darlington Waste Management Facility provides additional used fuel storage for the site and will be used for interim storage of Darlington used fuel only.

During the public hearing, the Commission considered written submissions and oral presentations from OPG, CNSC staff and 11 interveners. The Commission concluded that OPG is qualified to operate the facility and that it will make adequate provision for the protection of the environment, the health and safety of persons, and

the maintenance of national security and measures required to implement international obligations to which Canada has agreed.

A Record of Proceedings, including Reasons for Decision and transcripts of the hearing, are available on the CNSC website (www.nuclearsafety.gc.ca), or by contacting the CNSC.

Re-Licensing of the Darlington Nuclear Generating Station

Prior to the expiry date of an operating licence, OPG must seek renewal of our operating licences. Currently, Darlington operates under a five-year licence which will come to an end in 2008. On November 1, 2007, Darlington Senior VP Wayne Robbins appeared before the CNSC in Ottawa for Day 1 of the hearings for

the re-licensing of the Darlington Nuclear generating station.

At the hearing, which will continue for a second day on January 10, 2008, the Commission reviewed the CNSC staff recommendation, OPG's submission, and submissions from interested stakeholders and the public to aid in their decision. The public is encouraged to participate in the hearings. Written expressions of support and/or intervener comments must be submitted to the CNSC by December 10, 2007. For more information, contact the CNSC at www.nuclearsafety.gc.ca

The CNSC regulates the use of nuclear energy and materials to protect health, safety, security and the environment and to respect Canada's international commitments on the peaceful use of nuclear energy.

Neighbours



Printed on 100% recycled paper.

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

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