

Neighbours

A part of the community since 1978 • Volume 4 • Number 1 • Winter 2001



OPG provided \$5,000 to Big Brothers & Sisters of Clarington in support of the annual Bowl for Millions. From left are Big Brother Tom Hone with Little Brother Nathaniel, Darlington Nuclear Public Affairs Manager Phil LeSavage, Little Sister Sarah and her Big Sister Amanda Muir.

in this issue

- **In the Community**
Volunteers help with food, toys, and seniors
- **CLOCA award**
Conservation efforts gain recognition
- **Our report card**
Darlington Nuclear's performance figures
- **Environmental Assessment**
New storage facility planned
- **When it rains...**
Rainbarrel Program good for water conservation
- **Hiking the trail**
Fundraising event planned for April

Bowling for dollars

More than two dozen Darlington Nuclear employees took to the lanes in February in support of Clarington Big Brothers and Sisters Bowl for Millions fundraising event.

It's the second year Darlington people have formed teams to raise money in a big way for Big Brothers and Sisters. One Darlington team brought in the highest amount last year, and one of our teams repeated the feat again this year, turning over more than \$900.

In total, the Darlington teams, ranging from the "I-get-out-once-a-year" bowlers to those who looked at home on the lanes, raised more than \$3,000 while enjoying some exercise and fun.

In addition to the employees' donations, Ontario Power Generation donated \$5,000 from its Corporate Citizenship Program to sponsor the event, held the week of Feb. 5 at Liberty Bowl in Bowmanville. All funds raised will go the Big Brothers & Sisters mentoring programs. Mentors provide children with a sense of value by listening and spending quality time with them.

It's the second year OPG Darlington Nuclear has sponsored this major fundraiser for Big Brothers and Sisters. "It's a pleasure to work with the professional staff at Big Brothers and Big Sisters. They are what community involvement is all about," said Phil LeSavage, Darlington Public Affairs Manager.

"Research has shown a mentoring relationship has a real and measurable impact in the life of a child. Big Brothers & Sisters has a superb program and, as a company and as employees we're proud to support it."



**Site
Vice
President**

Looking back over 2000, we made significant progress in many areas and are in a position to make even more improvements in 2001 as we prepare to enter the competitive marketplace. We undertook two planned maintenance outages last year and both were completed safely and ahead of schedule. As well, we improved our overall safety performance and had an 87% capability factor.

Our efforts are paying off. Late last year the Canadian Nuclear Safety Commission (CNSC) renewed our operating licence for a 27-month period, and an independent audit of our Environmental Management System determined that our system is working well here and shows continuous improvement.

A major challenge to us in the area of public safety has been the issue of steam doors which are part of our "defence in depth" at the station. As a result of a concerted effort by many departments and all employees, we are making strides in improving both the technological and human performance factors involved in making sure these doors are closed and latched after use.

We were very active in the community again last year. Darlington employees raised nearly \$250,000 in pledges and donations for a number of agencies in our area through our Charity Trust campaign. We were a major sponsor of the Ontario Summer Games and contributed to many local organizations and activities through our Corporate Citizenship Program. A highlight of the year was the public open house in September when we welcomed about 1,700 people to our station. The open house was held to mark the 10th anniversary of the first production of power at Darlington. We look forward to continuing our support of community initiatives through active participation by our employees and our Corporate Citizenship Program.

The year 2000 was a rewarding one for Darlington Nuclear. Change is a process that is constant and our employees and management will continue to build on the momentum established last year as we meet the challenges of 2001 on our journey to nuclear excellence.

In the community

Darlington Nuclear and its employees have been very active in supporting a wide range of community activities over the past few months.



Public Affairs Representative Beverly Forget, second from left, assists residents of Strathaven Lifecare Centre.

The December period was particularly busy as employees opened their hearts and their pockets to support the Durham Regional Police Food and Toy Drive. In addition to new, unwrapped toys and gifts, employees donated more than \$3,350 which was used to purchase gifts primarily for teenagers and infants. Organizer Kim Doyle and her team of dedicated volunteers helped

load the items into three vans for distribution to some of our neighbours.

Our seniors weren't forgotten during the Christmas season. Public Affairs representatives Beverly Forget and Cindy Drope hosted residents of Strathaven Lifecare Centre on a bus tour of Christmas lights and later offered beverages, desserts and gifts to round out the night.

A number of community organizations which help the less fortunate cope in times of need were also helped by Ontario Power Generation just before Christmas. Donations under OPG's Corporate Citizenship Program were made to



Volunteers helped out with contributions for the Durham Regional Police food and toy drive.

the Clarington East Food Bank, Simcoe Hall Settlement House, Bethesda House, Denise House and the Salvation Army in Bowmanville and Oshawa during December.

On the broader community front, employees', retirees' and corporate donations to the United Way of Oshawa-Whitby-Clarington totaled more than \$130,000 following the annual employee Charity Trust drive late last year. This is made up of funds from employee payroll deductions, one-time gifts, employee special events and a corporate donation. Employee deductions were also directed to dozens of other registered charities in the area.

CLOCA Award for Darlington Nuclear

The Central Lake Ontario Conservation Authority (CLOCA) presented Darlington Nuclear with a Special Recognition Award in December in appreciation of several initiatives undertaken during the year.



CLOCA recognized work done in developing the Darlington Wildlife Management Plan and community partnerships such as the Yellow Fish Road project, Durham Groundwater Festival, Hike Ontario Day and a donation to help with the restoration of Devil's Den Trail.

Reports cards available for 2000

Ontario Power Generation has issued its monthly report cards for the 12-month period ending Dec. 31, 2000. These report cards benchmark the performance of OPG's nuclear operations against nuclear industry standards, focusing on public and employee safety and environmental and production performance.

The report cards are made available to a wide range of groups, including leaders in communities in which OPG's nuclear generating stations are available, and the media.

The material is also available at the Darlington Nuclear Information Centre, on the Ontario Power Generation Web site (www.ontariopowergeneration.com) and by "Fax-on-Demand" by calling **1-800-238-7718** and asking for story code - **10420**.

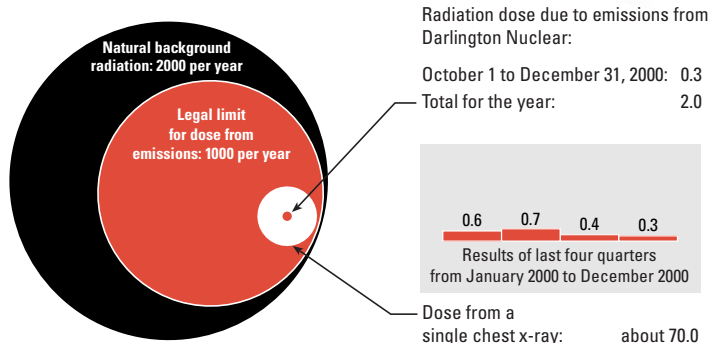


RADIATION INDEX — FOURTH QUARTER 2000 RESULTS

The radiation doses due to emissions are for the most exposed persons living near the Darlington Nuclear site. They would typically apply to persons living just outside the site boundary who are at their residence 24 hours a day, who drink local water, and eat local fish and produce. The doses were calculated using actual data from routine analysis of air, water, fish and vegetation samples, as well as site emission data.

Most persons would actually receive less than the doses indicated because they have different eating habits or live farther away from the station. Radiation doses decrease significantly as the distance from the station increases.

Since the pathway for liquid emissions is less dominant, more than 90% of the radiation dose received from the stations was due to air emissions.



Dose is reported in microsieverts (μSv), an international unit used to measure radiation dose

Information is prepared by the Canadian Nuclear Safety Commission (CNSC). This material may be reproduced provided credit is given to the CNSC.

Darlington Nuclear will offer a number of daily activities for families during March Break. They're fun! They're educational! They're free of charge! And they're right here in your neighbourhood at our Information Centre.

On Monday, March 12, we'll explore the culture of the Akwesasne First Nation 500 years ago through stories and ceremonies with Chief Top Leaf. We'll also experience ceremonial song and dance, and our young guests will have the chance to make their own Dream Catcher.

Friends of the Second Marsh will help guests make insects and turtles on Tuesday, March 13. It's a great opportunity to learn more about Friends of the Second Marsh programs and how you might get involved. We'll also be offering popcorn and two children's films in our auditorium.

Signs of Spring is Wednesday's theme. All activities will be on the Darlington Waterfront Trail. Dress warmly and hike the trails with interpretive guides from Nature Trails Unlimited, build a toad house with Friends of

the Second Marsh, ride on a horse-drawn wagon and warm up with hot chocolate by our campfire.

Experience life in the 1800s with experts from the Bowmanville and Pickering Museums on Thursday. They will be talking about early life in Durham Region and there will be hands-on displays with samples to take home.

We'll be offering two more great children's movies and popcorn on Friday, the final day of our March Break program.

We hope that your family can join us — please ensure that an adult accompanies all children. It promises to be a great week! For a detailed schedule of activities, please phone 1-800-461-0034 or send us an e-mail at: darlingtonnuclear@ontariopowergeneration.com

Environmental Assessment to be held on used fuel dry storage proposal

Ontario Power Generation has announced that it will start an environmental assessment process for a proposed Used Fuel Dry Storage Facility at its Darlington nuclear plant. This is the first step in the process to increase the used fuel storage capacity at the station. The proposed facility would be located within the existing station boundaries.

This environmental assessment process is required under the Canadian Environmental Assessment Act (CEAA) and will take a detailed look at potential environmental effects of the proposed facility, while identifying mitigation measures to prevent any significant adverse effects. The Canadian Nuclear Safety Commission (CNSC) will determine the scope and timeframe of the process. As these details become available, they will be communicated to the community.

Used fuel bundles from the reactors at Darlington are currently stored safely in water-filled bays in the station. These bays will be full later in the decade and it has always been part of Darlington's operating plan to build additional storage capacity when needed.

The proposed storage facility will use proven technology and will be similar to the facility in operation at Ontario Power Generation's Pickering station and one under construction at the Bruce site. The Darlington facility would only be used to store Darlington's used fuel.

Following regulatory approvals, it is Ontario Power Generation's intention to have the dry storage facility in service by the fall of 2007. The final location of the facility on the Darlington site has yet to be determined. The

environmental assessment process will assist in the selection of the preferred location.

In addition to the environmental, regulatory and technical evaluations, the process will also include an extensive public component, including meetings with local, provincial and federal officials, community and other stakeholders, as well as advertisements, newsletters and open houses to inform and obtain feedback from the public about the proposal.

Darlington Nuclear Information Centre

Darlington Nuclear Information Centre is open to the public **Monday to Friday** from **8:30 a.m. to 4:00 p.m.** Public Affairs staff are available to explain how nuclear power works, answer questions and take you on a tour (a 24-hour notice is required for station tours).

Our many interactive displays provide an interesting and enjoyable way to learn about OPG and nuclear power. Speakers are also available to address your community service group or school. Just give us a call and we'll come to you. **1-800-461-0034**

Let it rain, Let it rain...

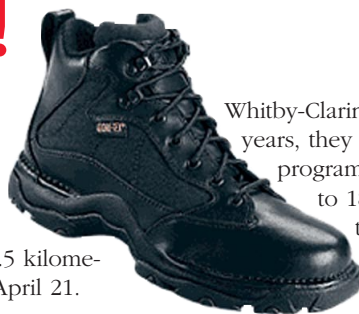


A donation from Darlington Nuclear helped launch a Rainbarrel Pilot Project aimed at reducing the amount of water entering Branch 6 of Harmony Creek while promoting water conservation. Darlington Public Affairs representative Beverly Forget, right, and Public Affairs Manager Phil LeSavage, were on hand to present a cheque to Kristina Patte of the Second Marsh Watershed Stewardship Project. For more information about the rainbarrel project, call Friends of the Second Marsh at **905-723-5047**.

Take a hike!

Darlington Nuclear will again sponsor the Annual Hike-A-Thon for The Eastview Boys' and Girls' Club this year. We're inviting you to join our efforts to help some kids by taking a hike along our 7.5 kilometre Waterfront Trail on Saturday, April 21.

The club is a non-profit agency and a member of the United Way of Oshawa-



Whitby-Clarington. For the past 30 years, they have been providing programs for children from six to 18 years old, based on the belief that "every kid has potential."

If you would like to participate in this fundraising event, please phone **905-432-1984**.

Neighbours

Darlington Neighbours

is published four times a year for the neighbours of Ontario Power Generation, Darlington Nuclear.

Editor:

Bob Beavers, Communications Specialist

Phone:

(905) 623-6670 ext. 3010

e-mail:

Robert.Beavers@ontariopowergeneration.com

Contributors:

Don Terry

Suyin Chan

Cindy Drope

Beverly Forget

ONTARIOPOWER
GENERATION