

Neighbours

A part of the community since 1965 • September 2004 • SPECIAL ISSUE

Safe and Secure

Enhanced security drills part of planned protection



Highly-trained Durham Regional Police Service officers protect Durham's two nuclear plants, 24 hours, seven days a week. The officers will be conducting new training exercises at the stations in the coming months.

five years on security measures to meet the CNSC requirements. This includes providing a highly-trained armed presence on site. In continuing to improve the training of the armed officers, new exercises are continually developed.

"These exercises do not involve live fire, but do rely upon equipment that will simulate live fire," explains Mr. Harvey. "The exercises take place in a highly controlled and safe fashion. Signs and security officers will be posted around the drill area. In the event a member of the public visiting the site should happen upon a drill or hear what sounds like gunfire or a sudden blast, they can be assured these are professionals honing their skills. These are the most highly trained officers there are and they all part of the Durham Regional Police."

Anyone who may have questions about the exercises can call 905-837-5939 at Pickering Nuclear or 905-623-7122 at Darlington Nuclear for more information.

Safety and security have always been the top priority at Ontario Power Generation's nuclear plants. Enhanced security drills on the Pickering and Darlington sites will soon add to the tradition of preparation for all possible scenarios, no matter how remote the likelihood.

"We have been doing training on site for years and we will continue to do that training," says Stan Harvey, Vice President of Nuclear Security for OPG.



Stan Harvey

"One of the steps in the evolution of enhanced security has been testing the response capabilities in a realistic environment."

Following the terrorist attacks in the United States on Sept. 11, 2001, the Canadian Nuclear Safety Commission (CNSC), the regulator of nuclear facilities in Canada, issued new require-

ments for security measures including an armed presence at the plants. OPG is investing upwards of \$300 million over



Reliability for any event

OPG installs a remote generator to ensure backup power



Inaflash Photography

Steve Gallant from Wardrop Engineering and Jamie Lawrie, OPG project manager look on as the new back up generator is lifted into place.

When the lights went out across Ontario last August everyone was affected along the interconnected grid system, including this province's generation plants.

In the months that followed, Ontario Power Generation underwent a review of how we could better protect our stations from major grid failures like the 2003 event. In response to one key recommendation, Pickering Nuclear will be adding a new backup remote emergency power generator (REPG) to reinforce the already extensive back-up

power system already in place at the station.

"While safety was never compromised during the blackout, our analysis showed that a backup generator is a smart way to further ensure that Pickering Nuclear continues to perform at high levels of safety and reliability," says Jamie Lawrie, OPG Project Manager.

Located on Brock Road South on Hydro One property, the backup generator will be installed over the next few weeks and is expected to be in operation by the end of September.

The generator is a jet engine that can be started when power is unavailable from the provincial grid.

When construction is complete, we plan to test the unit for several days near the end of September before it's declared operational. Following the initial testing and commissioning period, the unit will be re-tested every month for 2-3 hours. Steam may be visible and some noise and odors, similar to those encountered at large airports, may be experienced by neighbouring properties. After the initial testing and commissioning, the unit will only be in operation once every month for two to three hours for routine testing.

All of the tests will be planned to minimize the effect on our neighbours during the day unless the generator is required as a back-up power source in an emergency.

Dial in to a good neighbour

Pickering Nuclear has taken many steps in recent years to improve communication with the residents of Pickering, particularly those who live in the immediate area around the station. We view you as our neighbours. Perhaps we've knocked on your door during one of our Neighbourhood Walks or met you at an Open House. We realize, however, that you may have questions about our daily operations and you would like to receive a prompt response. Therefore, we are initiating a Good Neighbour information phone line to improve your ability to contact us.

If any activity around the station catches your attention — the security drills or new power generator for example — simply call the Good Neighbour number: 905-837-5939. Pickering Public Affairs will respond to your questions. While we will do our best to answer your call in person, there are times when we will have to rely on voice mail to register your question or comment. But we will get back to you as soon as possible. We look forward to hearing from you.

Phil LeSavage
Public Affairs Manager
Pickering Nuclear

Neighbours

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

Mailing Address:
Ontario Power Generation
Pickering Nuclear
1675 Montgomery Park Rd.
P.O. Box 160
Pickering, Ontario L1V 2R5
www.opg.com

Editor:
Jacquie McInnes
(905) 839-1151 ext. 5966
Fax: (905) 837-7305

Internet E-mail:
jacquie.mcinnnes@opg.com

ONTARIO POWER
GENERATION