

DARLINGTON NUCLEAR COMMUNITY UPDATE 2009 YEAR END



Ontario Power Generation is proud to power Durham Region and the rest of the province. In 2009, OPG produced almost two-thirds of the province's electricity and almost 90 per cent of that power was produced with virtually no smog or greenhouse gas emissions.

Darlington Nuclear played a key role in this achievement. Last year, our station produced 19 per cent of the electricity used by the people of Ontario. The employees at Darlington understand the important responsibility we have in delivering safe, clean and reliable electricity. You have our commitment that we will continue to focus on improvements in safety and station performance, as well as transparent communication with the community on our operations.

With the recent announcement that OPG will proceed with a detailed planning phase for the mid-life refurbishment of the Darlington station, 2010 will certainly be busy. I look forward to the year ahead and to sharing our successes and challenges with you.

Stu Seedhouse, Senior Vice President, Darlington Nuclear



PERFORMANCE SNAPSHOT FOR DARLINGTON NUCLEAR

- Last year, our employees worked more than five million hours without a lost-time injury – that's more than 600 days.
- In 2009, Darlington Nuclear produced 26 terawatt hours of electricity, meeting 19 per cent of Ontario's electricity needs.
- In June, our employees safely completed OPG's largest and most complex nuclear project of the year, Darlington's Vacuum Building Outage. Occurring every 12 years and involving more than 4,000 staff and contractors, the outage required OPG to shut down all four of Darlington's reactors to allow for the inspection and maintenance of the station's critical safety systems.
- In December, Darlington experienced an inadvertent release of purified (demineralized) water to the environment. While the water contained low levels of tritium and hydrazine, it had no measurable impact on local drinking water. OPG provided the community and media with ongoing information about the event, including twice-daily updates of water sampling results.