Performance Report for Darlington Nuclear

FIRST QUARTER 2007

This report discusses performance statistics for Darlington Nuclear in the areas of safety performance, electricity production, environmental performance, and significant accomplishments achieved during the first quarter of 2007.

OPG continues to follow high standards of Public Safety

OPG's ongoing goal is to maintain and continue building a strong safety culture at each of our nuclear stations to ensure that there are no public or employee safety concerns as a result of our operations.

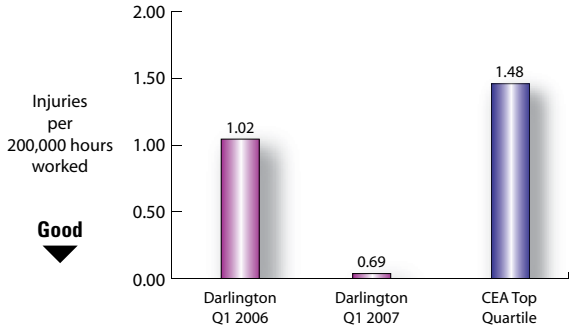
In the four decades that nuclear energy has served Canada's electricity needs, no member of the public has ever been harmed as a result of a radiation emission from a nuclear power plant or waste storage facility. An excellent measure demonstrating that the public is protected at all times from radiation emissions is provided by the continuous measurement of radiation exposure at the perimeter of our stations. All Canadians are exposed to naturally-occurring radiation, mostly from the sun and from radon which is found in soil. The average exposure of Canadians is 1,770 microsieverts a year. For example, the food and water we ingest each year accounts for approximately 300 of those microsieverts.

For Darlington Nuclear, the estimated additional exposure in 2006 (most recent data) for people living near the station, based on their actual lifestyle characteristics and food consumption patterns, was 1.1 microsieverts. This is a very small percentage of the amount we each receive naturally and much lower than permitted by regulation.

Keeping Our Employees Safe

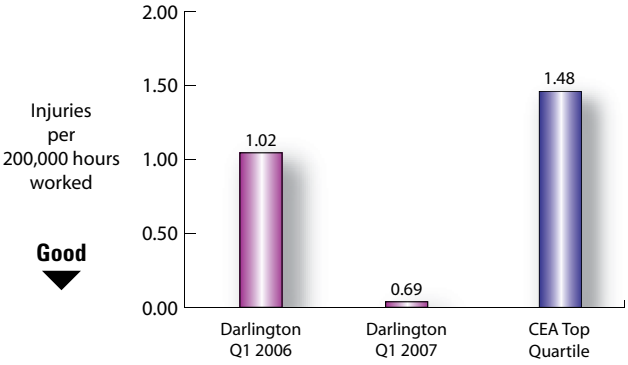
Darlington's employee safety performance is measured against other companies. One measure is the employee Accident Severity Rate (ASR) which measures the number of days lost due to injuries per 200,000 hours worked. Darlington recorded excellent performance with no days lost due to injuries in the first quarter.

Employee Accident Severity Rate



Darlington did well in another key safety measure – the employee All Injury Rate (AIR) which measures the number of workplace injuries per 200,000 hours worked. Darlington recorded 0.69 injuries per 200,000 hours worked during the first quarter which is better than top quartile industry performance set by the Canadian Electricity Association (CEA) at 1.48 or lower.

Employee All Injury Rate



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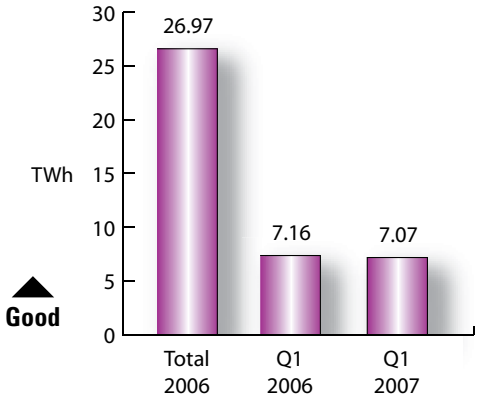
Safety Milestones

The safety of our employees, like the safe operation of our nuclear reactors, is a top priority in our operation.

During the first quarter of 2007, Darlington employees worked over 1.4 million hours without a lost time injury.

Electricity Production

Darlington Electricity Production (TWh)



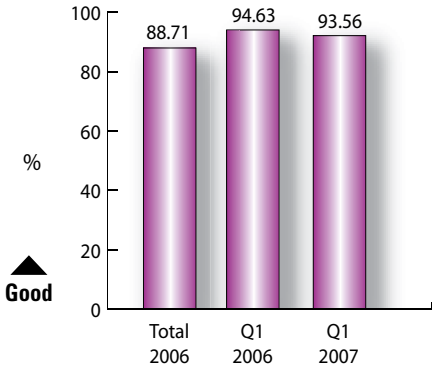
During the first quarter, Darlington achieved excellent performance in reliability with a Forced Loss Rate (the amount of time a reactor is unavailable to produce electricity) of less than one per cent and a net generation better than plan by 0.31 TWh. The best reactors in the world operate with a Forced Loss Rate from one to two per cent.

In March, Darlington Unit 4 began a planned maintenance outage that involves several first-time projects including the replacement of the primary heat transport pump motor lower bearing coolers and fuel channel reconfiguration. The Unit 4 outage and, later this year, Unit 2's planned outage, are important outages for Darlington in 2007 as both units will move to 36-month outage cycles.

Unit Capability Factor

Another measure of the station's performance is its unit capability factor, basically a percentage of perfect generation a unit is capable of producing during a specified period. During the first quarter, Darlington's unit capability factor was 93.56 per cent. During the first quarter, three of the Darlington units achieved top quartile performance compared to other CANDU units worldwide.

Unit Capability Factor (%)



Protecting the Environment

During the first quarter of 2007, Darlington station did not record any major or moderate spills to the environment.

Milestones & Items of Interest

Some milestones and items of interest achieved by Darlington Nuclear and across OPG include the following:

- The University of Ontario Institute of Technology OPG Engineering Building was officially opened by community and university dignitaries, including Ontario's Minister of Energy Dwight Duncan. The building offers state-of-the-art engineering laboratories and facilities to enhance learning.
- On January 9, 1997 Darlington Nuclear became the first nuclear power plant in North America to obtain certification under the ISO 14001 Standard for Environmental Management Systems. Since that time, as a part of a three-year audit cycle, Darlington Nuclear has successfully registered four times.
- Darlington Nuclear and Pickering Nuclear hosted a successful March Break program on site and in the Durham community, with a focus on environmental, science, and recreational activities.

Do you have any questions about our performance results? If so, please give us a call at 905-623-7122.

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