

Performance Report for Darlington Nuclear

FIRST QUARTER 2006

This report discusses performance statistics for Darlington Nuclear in the areas of safety performance, electricity production, environmental performance, and significant accomplishments achieved during first quarter of 2006.



Ensuring Public Safety

The number one priority at each of OPG's nuclear stations is to ensure that there are no public safety concerns as a result of our operations. Our nuclear stations are designed with multiple safety systems and are staffed by station personnel who are extremely well trained.

In the four decades that nuclear energy has served Canada's energy 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.

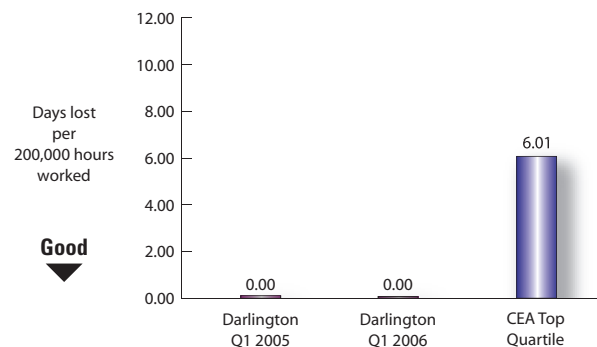
For Darlington Nuclear the estimated exposure during 2005 (most recent data) for people living near the station based on their actual lifestyle characteristics and food consumption patterns was 0.8 microsieverts. This is a very small percentage of the amount we each receive naturally and much lower than permitted by regulation.

Keeping Our Employees Safe

Darlington's employee safety performance continues to measure up well against other electricity companies. One measure is the employee Accident Severity Rate (ASR) which measures the

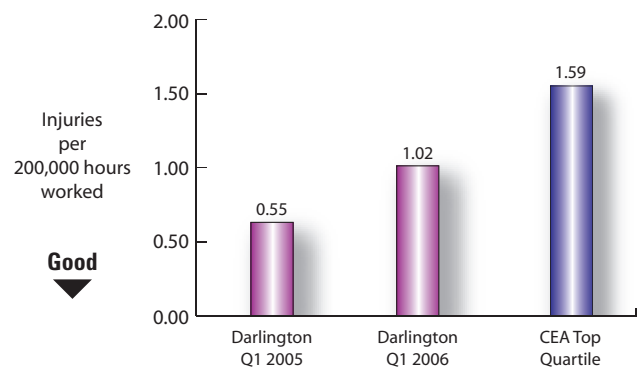
number of days lost due to injuries per 200,000 hours worked. Darlington recorded 0.00 days lost per 200,000 hours worked in the first quarter.

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 stayed well within the top quartile industry performance category, set by the Canadian Electricity Association (CEA) at 1.59 or lower (2002-2004 average).

Employee All Injury Rate



Both safety indicators reflect the priority OPG places on a safe workplace. Extensive ongoing training, constant refreshers and key messaging all play a role in putting employee safety first and foremost into our work plans.





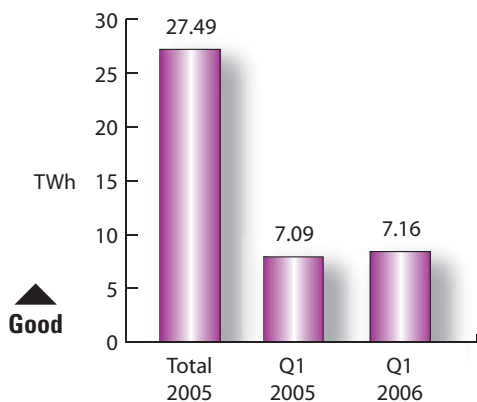
Safety Milestones

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

Darlington achieved over 1 million person-hours without a lost time accident.

Electricity Production

Darlington Electricity Production (TWh)



Building on successful production output in 2005, Darlington nuclear increased its output in the first quarter of 2006.

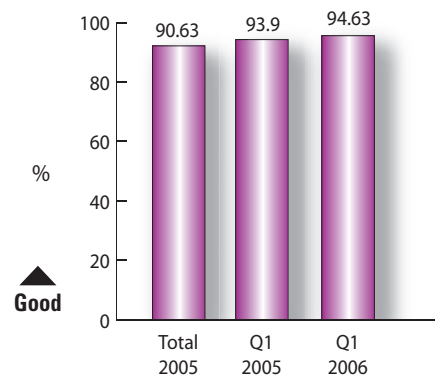
During the first quarter, Darlington Unit 3 began a planned maintenance outage after operating for 492 consecutive days during which time it produced over 10 TWh of electricity; more than enough to have supplied a city about the size of Oshawa for eight years.

A terawatt hour is the equivalent of one billion kilowatt hours. The average home uses between 800 and 1,000 kilowatt hours a month.

Unit Capability Factor

Another measure of a station's performance is its unit capability factor, basically a percentage of perfect generation a unit is capable of producing during a specified period. Darlington's unit capability factor for the first quarter was 94.63 per cent. Over the past three years, Darlington Nuclear has had the best average unit capability factor of any nuclear station in Ontario.

Unit Capability Factor (%)



Protecting the Environment

Darlington station did not record any major or moderate spills of chemicals or other substances, which are reported to the Ontario Ministry of the Environment.

Significant Accomplishments

Some significant accomplishments registered by Darlington Nuclear in the first quarter of 2006 include the following:

- Darlington Nuclear, along with Pickering Nuclear, hosted almost 4,000 local residents during March Break activities.
- Darlington Nuclear was proud to be nominated in two categories of the 2006 Durham Environmental Advisory Committee achievement awards and received an award for the annual Durham Children's Groundwater Festival.



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