

Performance Report for Darlington Nuclear

THIRD 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 third 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.

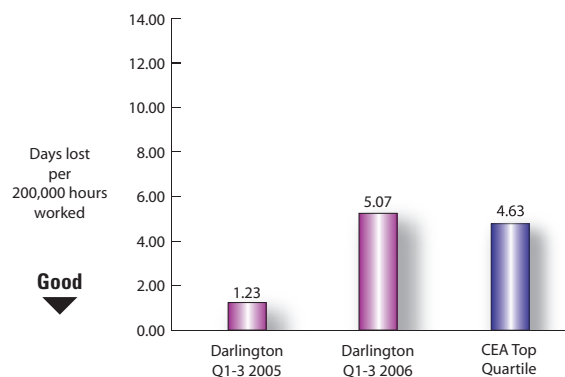
For Darlington Nuclear the estimated exposure during the second quarter of 2006 for people living near the station based on their actual lifestyle characteristics and food consumption patterns was 0.4 microsieverts. This is a very small percentage of the amount we each receive naturally and much lower than permitted by regulation.

Keeping Our Employees Safe

Darlington's employee safety performance is measured against other electricity companies. One measure is the employee Accident

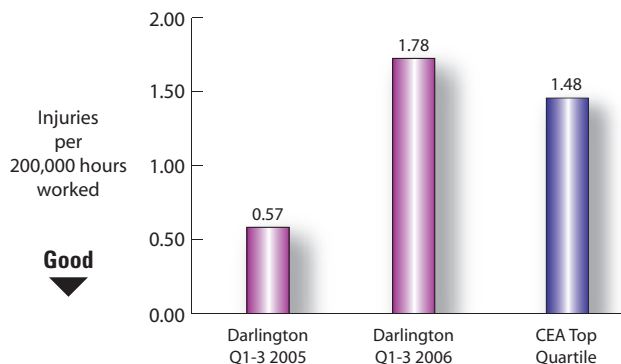
Severity Rate (ASR) which measures the number of days lost due to injuries per 200,000 hours worked. In the third quarter, Darlington's ASR was higher than top quartile Canadian Electricity Association (CEA) performance due to a hip injury resulting in a lost time accident.

Employee Accident Severity Rate

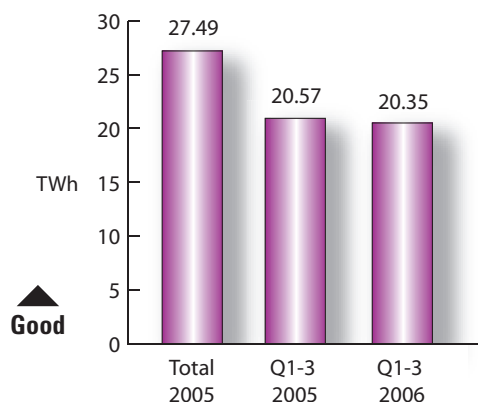


The employee All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. The station recorded 1.78 injuries per 200,000 hours worked in the third quarter. This result is slightly higher than the top quartile industry performance category set by the Canadian Electricity Association (CEA).

Employee All Injury Rate



Electricity Production



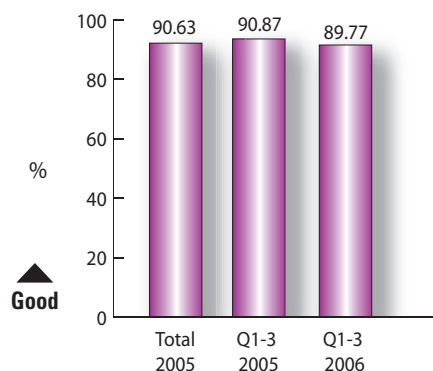
Darlington Electricity Production (TWh)

Darlington's four units were operational in August when the electricity demand in Ontario reached a record high of 27,005 MW. Darlington units supplied 18.43 per cent of the province's power needs during the third quarter.

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 third quarter was 89.77 per cent a slight decrease from 90.87 per cent for the same period last year.

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.

Milestones & Items of Interest

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

- OPG submitted an application to the Canadian Nuclear Safety Commission for a site licensing application for new nuclear reactors at the Darlington Nuclear site.
- OPG began an environmental assessment as part of the business case study to determine feasibility of refurbishment of the Pickering B nuclear plant.
- OPG, a member of the Durham Strategic Energy Alliance (DSEA), participated in the University of Toronto Institute of Technology (UOIT) Green Energy Conference held at the university. DSEA hosted a community evening for the delegates, sponsored in part by OPG. DSEA is dedicated to the advancement of energy solutions and initiatives.
- Darlington and Pickering Nuclear employees participated in the Durham Children's Groundwater Festival, an educational program reaching more than 5,000 local Grade 4 students on the importance of being a responsible environmental steward.
- 'Tuesdays on the Trail' was a popular family program at Darlington and Pickering waterfront trails. OPG hosted local residents for fun and learning focused on environmental programs.



OPG believes the Darlington nuclear station is an excellent location for nuclear new build in Ontario given the size of the site, the expertise of its workforce, and the strong community support it enjoys.

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