

Performance Report for Darlington Nuclear

THIRD QUARTER 2005

This report discusses performance statistics for Darlington Nuclear during the third quarter of 2005 in the areas of safety performance, electricity production, environmental performance, and significant accomplishments achieved during the first nine months of the year.



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 leak 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 the first six months of 2005 (most recent data) for people living near the station, based on their actual lifestyle characteristics and food consumption patterns, was 0.6 microsieverts. This is a very small percentage of the amount we each receive naturally and much lower than permitted by regulation.

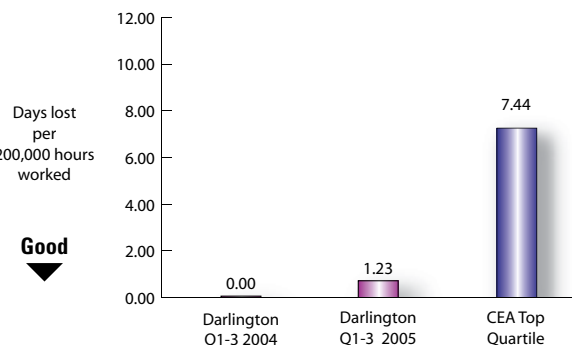


Keeping Our Employees Safe

Darlington's employee safety performance continues to be impressive as measured against other electricity companies. One measure is the employee Accident Severity Rate (ASR)

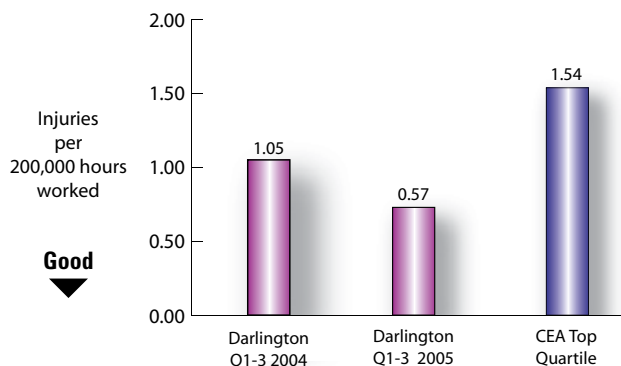
which measures the number of days lost due to injuries per 200,000 hours worked. By the end of the third quarter of 2005, Darlington recorded 1.23 days lost per 200,000 hours worked, compared to a perfect 0.0 rate for the third quarter of 2004. The 2005 third quarter results are still better than the threshold for top quartile safety performance of 7.44 days lost per 200,000 hours (2002-2004 average) established by members of the Canadian Electricity Association (CEA).

Employee Accident Severity Rate



Darlington improved its performance in another key safety measure - the employee All Injury Rate (AIR) which measures the number of workplace injuries per 200,000 hours worked. Through the third quarter of 2004, the station had 1.05 injuries per 200,000 hours worked. In the third quarter of 2005, the rate at Darlington was even better, at 0.57 injuries per 200,000 hours. This result kept Darlington well within the top quartile industry performance category, set by the CEA at 1.54 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.

Please note that the results for both ASR and AIR may differ from the 2004 Performance Report due to a change in method of calculation.

Safety Milestones

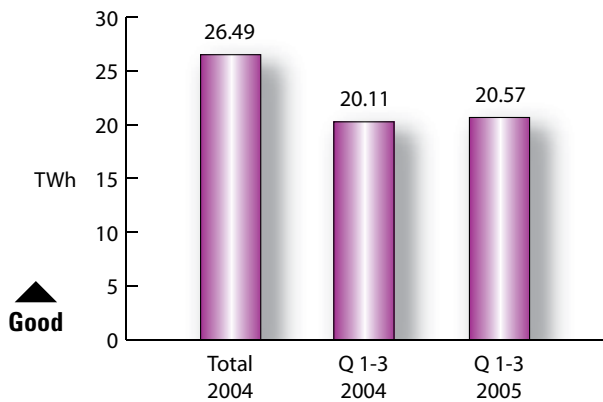
The safety of our employees, like the safe operation of our nuclear reactors, is a top priority in our operation. In the third quarter:

- An over-40 team from Darlington has qualified to attend the world fire-fighter combat challenge in Deerfield Florida in November. The team qualified at the Canadian Nationals in Edmonton in September
- Darlington held a site-wide Housekeeping Day on Thursday, September 8. All employees on site were asked to clean up and tidy their own department's work areas and/or lend assistance to another work group.



Electricity Production

Darlington Electricity Production (TWh)

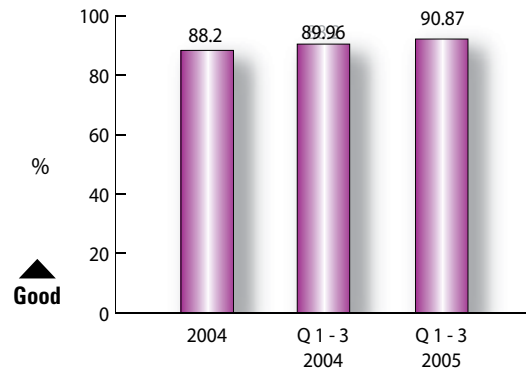


OPG's nuclear units performed well during one of the hottest and driest summers ever recorded in Ontario's history. From July through to the end of September, the company's nuclear units produced a net total of 11.87 TWh of electricity - almost 30 per cent of Ontario's total electricity production for these months. Darlington contributed nearly two-thirds of this nuclear production in the third quarter. From January to September, Darlington's four units produced 20.57 terawatt hours of electricity, up from 20.11 TWh for the same period in 2004. 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 continues to rise, reaching 90.87 per cent at the end of the third quarter of 2005. This was a slight increase over a similarly good performance in the corresponding period of 2004 when the unit capability factor was 89.96. The overall Unit Capability Factor in 2004 was 88.2 per cent. The Darlington station recorded the highest capability factor of any multi-unit nuclear station in Ontario during 2004.

Unit Capability Factor (%)



Protecting the Environment

During the third quarter of 2005, the 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. Darlington Nuclear maintained its ISO 14001 accreditation in 2004, which signifies that the station has an environmental management system in place that meets a high international standard.

Significant Accomplishments

Some of the other significant accomplishments registered by Darlington Nuclear in the third quarter of 2005 include the following:

- In September, OPG announced a major investment of \$10 million in the University of Ontario Institute of Technology to ensure the best-prepared candidates are available to OPG and the energy industry in the future.
- We sponsored the Clarington Board of Trade's annual Mayor's Address function.
- Once again we participated in and sponsored the popular Clarington Family Safety Day at the Bowmanville Fire Station and Garnet B. Rickard Complex.

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