

Performance Report for Pickering Nuclear

FIRST QUARTER 2006

This report discusses performance statistics for Pickering 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 monitoring of radiation exposure at the perimeter of our stations. Most people are not aware that 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.

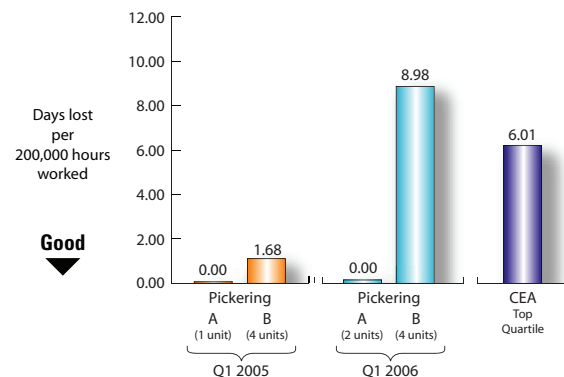
For Pickering Nuclear the estimated exposure during 2005 (most recent data) for people living near the station based on their actual lifestyle characteristics and food consumption patterns was 2.7 microsieverts. This is a very small percentage of the amount we each receive naturally and much lower than permitted by regulation.

Keeping Our Employees Safe

Pickering A's Nuclear employee safety performance is very good as measured against other companies. This is evidenced by the stations' employee Accident Severity Rate (ASR), which measures the number of days lost due to injuries per 200,000 hours worked. Pickering B's ASR is 2.97 per cent higher than the

Canadian Electricity Association (CEA) top quartile performance due to an employee who missed a step and fell when climbing up the stairs. An estimated 30 days were lost as a result of the injury.

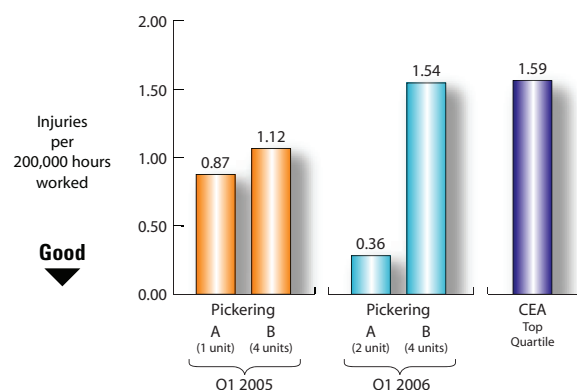
Employee Accident Severity Rate



Pickering A continues to register a strong performance in the employee All Injury Rate (AIR) which measures the number of workplace injuries per 200,000 hours worked.

Pickering B registered a slightly higher AIR bringing it slightly below the Canadian Electricity Association (CEA) top quartile performance.

Employee All Injury Rate



Both of these 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.



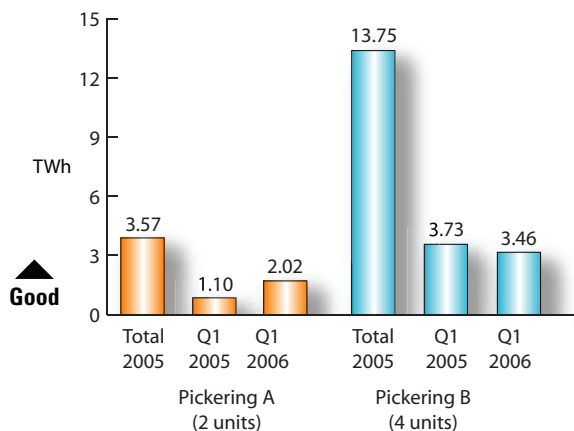
Safety Milestones

In the first quarter of 2006, Pickering Nuclear achieved the following safety milestones:

- Pickering-A achieved 4 million person hours without a lost accident.

Electricity Production

Pickering A and B Electricity Production (TWh)

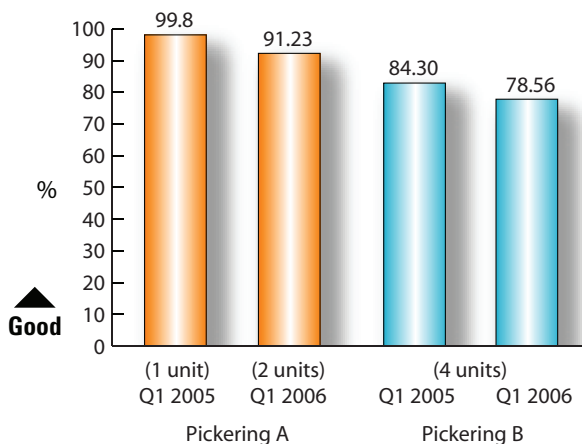


In the first three months of 2006, production levels for Pickering A increased over the same period in 2005. At Pickering B, total output from the four reactors was 3.46 TWh slightly below production for the same period in 2005. A terawatt hour is the equivalent of one billion kilowatt hours. The average home uses between 800 and 1,000 kilowatt hours a month.

Unit Capability Factor

The Pickering nuclear stations capability factors - basically a percentage of perfect generation a unit is capable of producing during a specified period - reported a decrease during the first quarter of 2006 compared to the first quarter of 2005.

Unit Capability Factor (%)



Protecting the Environment

During the first quarter of 2006, the Pickering stations did not record any major or moderate unplanned emissions to the environment. The nuclear stations have not had a major spill in the past five years.

Significant Accomplishments

Some significant accomplishments achieved by Pickering Nuclear in the first quarter of 2006 include the following:

- Pickering Nuclear, along with Darlington Nuclear, hosted almost 4,000 local residents during March Break activities.
- Pickering 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 want to discuss any of our performance results with us? If so, please call us at 905-837-7272