

Performance Report for Pickering Nuclear

SECOND 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 second 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 the first quarter of 2006 for people living near the station based on their actual lifestyle characteristics and food consumption patterns was 0.9 microsieverts. This is a very small percentage of the amount we each receive naturally and much lower than permitted by regulation.

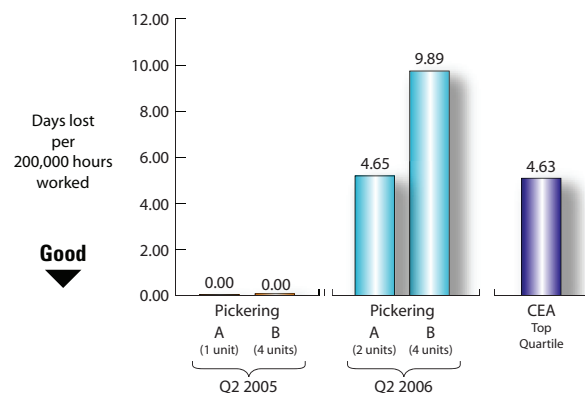
Keeping Our Employees Safe

Pickering A's Nuclear employee safety performance is 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 5.26 per cent higher than the Canadian Electricity Association (CEA) top quartile performance which was due to two back strain injuries.

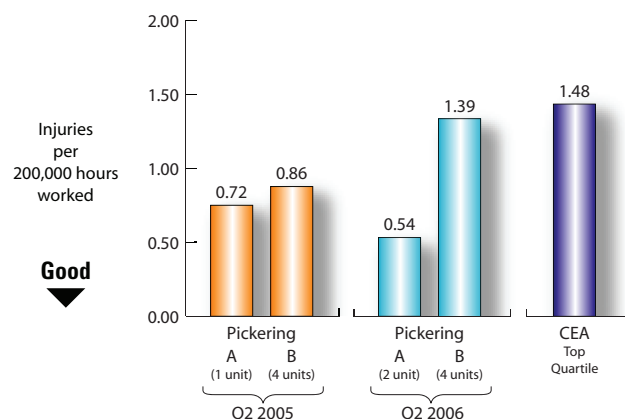
Employee Accident Severity Rate



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.

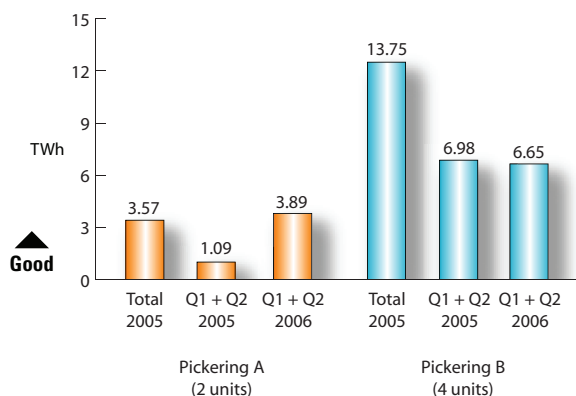
Pickering B's AIR was below the Canadian Electricity Association (CEA) top quartile performance.

Employee All Injury Rate



Electricity Production

Pickering A and B Electricity Production (TWh)

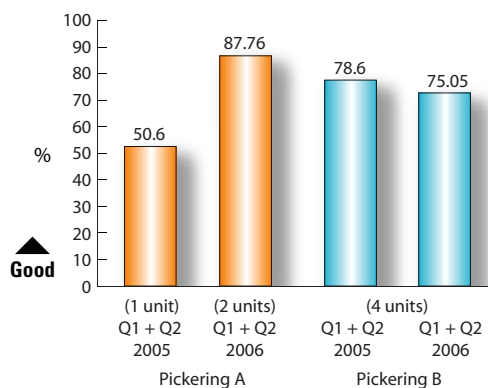


Production levels for Pickering A increased over the same period in 2005. At Pickering B, total output from the four reactors was slightly below production for the same period in 2005. A terawatt hour is the equivalent of one billion kilowatt hours. The average home uses between 800 and 1,000 kilowatt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

Unit Capability Factor

Pickering A capability factor a percentage of perfect generation a unit is capable of producing during a specified period – reported an increase during the second quarter of 2006 compared to the second quarter of 2005. Pickering B reported a slightly lower capability period for the same period due to an extended planned Unit 8 outage.

Unit Capability Factor (%)



Protecting the Environment

During the second quarter of 2006, the Pickering stations did not record any major or moderate unplanned emissions to the environment.

Significant Accomplishments

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

- Pickering Unit 1 and Unit 8 were returned to service after planned maintenance outages.
- Recipient of City of Pickering Local Business Award. The Local Business award is given to Pickering-based businesses that are outstanding in support and participation of community activities.
- More than 200 OPG volunteers visited over 7,500 community homes updating homeowners on plant performance and activities.
- Pickering Nuclear celebrated 40 years in the community. To mark the occasion, a community barbeque for area families was held at Pickering Nuclear.
- In support of biodiversity in the community, Pickering Nuclear participated in a number of tree plantings with school and community partners.
- Two OPG employees, Bill Eyre, Pickering Nuclear and John Fusco, Darlington Nuclear were inducted into the Whitby Sports Hall of Fame. Bill and John played on the 1980 Minto Cup Champion Builders Junior A Lacrosse team. OPG is a proud sponsor of the Whitby Sports Hall of Fame Induction and supports minor lacrosse locally as part of OPG's commitment to youth activities in our host communities.
- On June 15, 2006, OPG submitted a letter of intent and project description to the Canadian Nuclear Safety Commission regarding the potential refurbishment of Pickering B for life extension and continued operations.



Do you want to discuss any of our performance results with us? If so, please call us at 905-837-7272