

Performance Report for Pickering Nuclear

FIRST QUARTER 2005

This report discusses performance statistics for Pickering Nuclear during the first quarter of 2005 in the areas of safety performance, electricity production, environmental performance, and significant accomplishments achieved during the first three 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 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 Pickering Nuclear, the estimated exposure during 2004 (most recent data) for people living near the station, based on their actual lifestyle characteristics and food consumption patterns, was 6.5 microsieverts, well under the annual projection of 10. This is a very small percentage of the amount we each receive naturally and much lower than permitted by regulation.

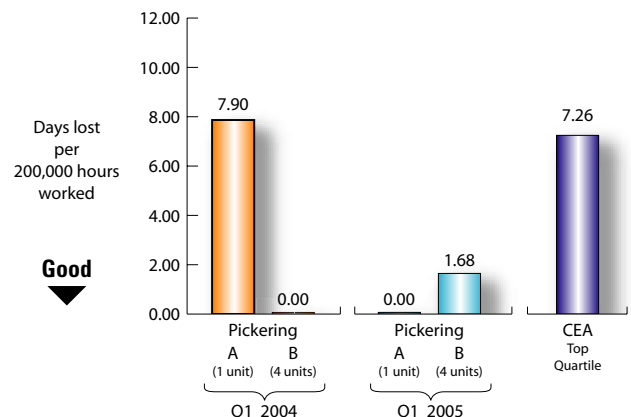
Keeping Our Employees Safe



Pickering Nuclear's 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. At the end of March, 2005, Pickering A had no days lost to injuries. This was a significant improvement from the first quarter of 2004 when one lost-time accident caused Pickering A to lose 22 calendar days for an

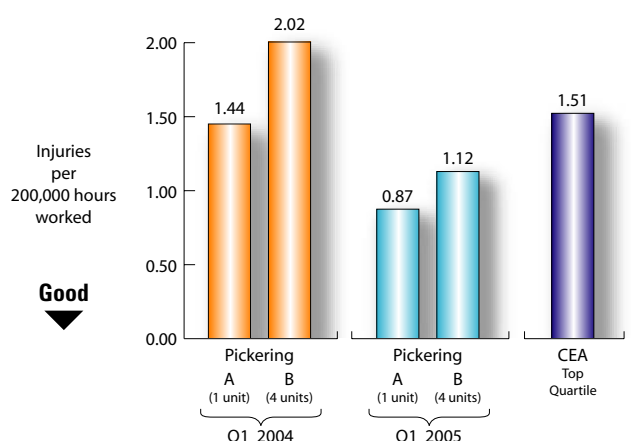
Accident Severity Rate of 7.90. Pickering B, which had no days lost in the first quarter of 2004, registered 1.68 days lost per 200,000 hours worked in the first quarter of 2005. The 2005 first-quarter results are significantly better than the threshold for top quartile safety performance of 7.26 days lost per 200,000 hours (2002-2004 average) established by members of the Canadian Electricity Association (CEA).

Employee Accident Severity Rate



Pickering Nuclear continues to register a strong performance in another key safety measure - the employee All Injury Rate (AIR) which measures the number of workplace injuries per 200,000 hours worked. Pickering A, which had 1.44 injuries per 200,000 hours worked in the first quarter of 2004, improved its rate to 0.87 in the first quarter of 2005. Pickering B, which registered 2.02 in the first quarter of 2004, also improved by lowering its rate to 1.12 in the first three months of 2005. Both stations bettered the CEA's All Injury Rate top quartile threshold (2002-2004 average) of 1.51 injuries per 200,000 hours worked.

Employee All Injury Rate



Both sets of figures reflect the priority OPG places on a safe workplace. 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.

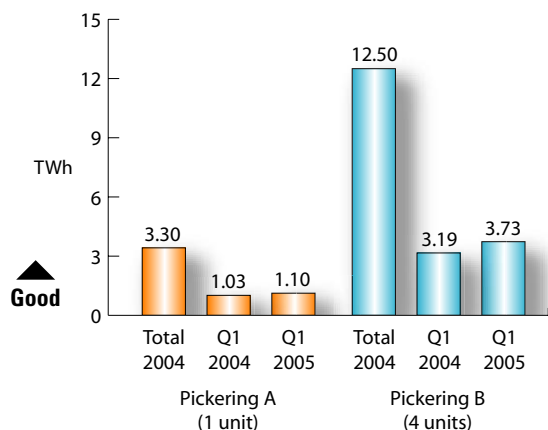
Safety Milestones

In the first three months of 2005, Pickering Nuclear achieved several important safety milestones:

- In February, Pickering A achieved two million hours without a lost time accident
- In March, Pickering B's C-crew reached the milestone of 10 years without a lost time accident
- In February, Pickering A carried out an assessment of its Safety Culture. This involved surveying employees to see how well they understand the importance of safety in their jobs and in the workplace. This is a new measurement to the nuclear industry and Pickering A is breaking ground in this area. The results showed a significant improvement in areas such as communications, training and staff development, compared to a similar review done in 2005.

Electricity Production

Pickering A and B Electricity Production (TWh)



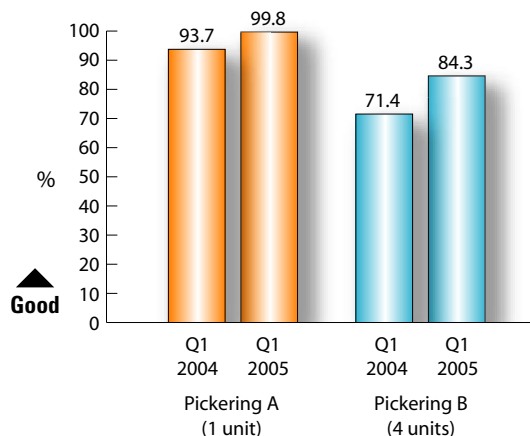
In the first three months of 2005, production levels for Pickering A and B increased significantly over the same period in 2004. Pickering A's Unit 4 output reached 1.10 terawatt hours (TWh), up from 1.03 TWh in the first quarter of 2004. At Pickering B, total output from the four reactors was 3.73 TWh compared to 3.19 TWh a year earlier. A terawatt hour is the equivalent of one billion kilowatt hours. The average home uses between 800 and 1,000 kilowatt hours a month.

Optimizing our output during the winter months is critical in meeting the high demands customers place on electricity during the cold winter period. When the peak demand levels off in the spring, the nuclear stations usually remove a reactor from service for planned maintenance. Likewise, after the summer peak period, another unit goes into a planned maintenance shutdown. This planned maintenance schedule prepares the reactors to be in peak condition for the following high-peak season, either summer or winter.

The Pickering nuclear stations are committed to continuously improving electricity production. The stations' unit capability factors - basically a percentage of perfect generation a unit is capable of producing during a specified period - both increased in the first quarter of 2005 compared to 2004. Pickering A Unit 4 increased its

unit capability factor from 93.7 in the first quarter of 2004 to 99.8% in the same quarter in this year. Pickering B station's overall unit capability factor improved from 71.4% to 84.3% in the same period in 2005.

Unit Capability Factor (%)



Protecting the Environment

During the first quarter of 2005, the Pickering stations did not record any major or moderate unplanned emissions to the environment. Pickering Nuclear maintained its ISO 14001 accreditation in 2004, which signifies that the stations have an environmental management system in place that meets a high international standard. The nuclear stations have not had a major spill in the past four years.

Significant Accomplishments

Some significant accomplishments achieved by Pickering Nuclear during the first quarter of 2005 include the following:

- Pickering A & B supplied 12.2 per cent of Ontario's power needs during the peak winter demand months of January and February.
- Progress on returning Unit 1 to service reached the 88% mark. We remain on track for a fall return to service.
- OPG contributed \$25,000 to the Town of Ajax Fire Services for increased training.
- OPG contributed \$350,000 to the Rouge Valley Ajax and Pickering Hospital's nuclear medicine facility.
- Our employees won the business Challenge by raising more than \$5,000 for the Big Brothers and Sisters Bowl for Kids Sake.



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