

Performance Report for Nuclear Waste Management

Q1 2012
RESULTS
January 1 to March 31

Performance Update

As part of our commitment to keep you informed, this report tracks performance for OPG's Nuclear Waste Management Facilities in the areas of safety performance, reliability, environmental performance and significant accomplishments achieved during the first quarter of 2012.



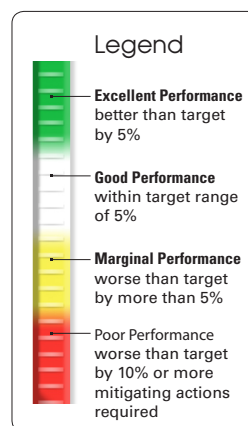
Environmental Performance

During this period our waste facilities continued to demonstrate exceptional performance. No environmental infractions or major or moderate spills to the environment were recorded. The target for the year is not to exceed two environmental infractions or one major or moderate spill.



Operational Performance

The management of used fuel Dry Storage Containers (DSC's) is an important part of our business. In the first quarter a total of 59 DSC's were processed across all three facilities. This number is below the target of 66 for this quarter due to various maintenance and safety requirements. All three facilities remain on track to meet the year-end target to process 240 DSC's.



Safety

Accident Severity Rate

The industrial Accident Severity Rate (ASR) measures the number of days lost due to employee injuries per 200,000 hours worked. During the first quarter of 2012 the facilities recorded 0.0 days lost per 200,000 hours worked. This is an improvement from the 2011 results and well below the 2012 target of 2.04 (lower is better).



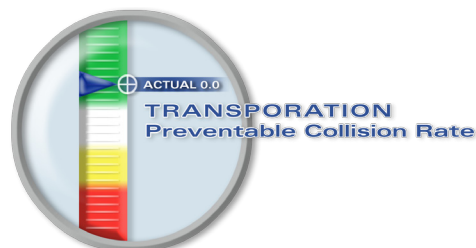
Employee All Injury Rate

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. During the first quarter we recorded 1.51 injuries. This rate is above the year-end target of 0.92 due to a work place injury that occurred during this period.



Transportation Safety

The transportation of waste to Western from Darlington and Pickering is managed by experienced and skilled drivers. In this period 163 shipments were made. The preventable collision rate, which is a factor of the number of safe trips over 1.6M km, is excellent. This means that over the last 1.6 million kilometers traveled there have been no preventable collisions.



About OPG's Nuclear Waste Management Division

OPG's Nuclear Waste Management Division (NWMD) manages three sites. The Western Waste Management Facility (WWMF) in Bruce County receives and manages the low and intermediate level waste for Darlington, Pickering and Bruce Power Nuclear stations. Facilities to manage interim Used Fuel Dry Storage containers are located at Pickering and Darlington and at the WWMF.



Keeping you informed about milestones and items of interest achieved by the Nuclear Waste Management Division and across OPG:

Nuclear Waste Management

- OPG participated at the Canadian Nuclear Association Annual Conference this past February, in Ottawa. Over the three days, delegates from all aspects of the nuclear industry met with staff about our existing and proposed future modernization of our nuclear operations, our nuclear waste operations and on the proposed Deep Geologic Repository project.
- OPG has applied to the CNSC Commission to request approval to renew the Darlington Used Fuel Storage Licence for a period of six months from November 1 to April 30, 2013, and approval to renew the operating licence for a period of ten years from May 1, 2013 to April 30, 2023. The facility has been operating well within all regulatory limits and will continue to safely protect the public, the workers, and the environment in the future. The licence request also includes approval to build Storage Building #2 to store Darlington intermediate refurbishment waste.
- Communicating how we safely store nuclear waste is best demonstrated through tours. Community groups that have a direct interest in learning about our business such as; elected officials, municipal leaders, First Nations and Métis and media outlets have toured the facility.

Station Operations

- Four OPG nuclear units were among the 10 best performing CANDUs in the World for 2011. With three Darlington units in the top five.
- Darlington's recent evaluation from WANO confirmed Darlington is amongst the best performing plants in the world. This is a major accomplishment for everyone at OPG and for the Canadian Nuclear industry.

- Pickering Nuclear and Darlington Nuclear hosted over 4,000 local residents during our March Break activities with a focus on environmental, science and recreational activities.
- Pickering Station recently reached over four millions hours worked without a lost time accident and the Darlington Nuclear station achieved over 12 million hours and OPG's waste facilities have worked almost 500 thousand hours.

Deep Geologic Repository

- The six-month public review period was initiated Feb. 3 for Ontario Power Generation's proposed Deep Geologic Repository (DGR) Project for low and intermediate level waste (L&ILW). The public review period provides an opportunity for the JRP, public, interested stakeholders and First Nations and Métis communities to review, assess and comment on whether the documents adequately address the requirements of the guidelines issued for the DGR Project. For more information about the public review period or how to make your views known please visit OPG's DGR website.

In the Community

- On February 16 the Saugeen Valley Conservation Authority presented OPG with an appreciation award for the ongoing support OPG provides the Authority through the Corporate Citizenship Program (CCP). OPG also supported a number of other environmental initiatives over this period including the OPG Environment Award at the Kincardine Chamber of Commerce Business Awards. The award is annually presented to a business, organization or individual that is guided by a sense of responsibility and respect for the environment. The award winner this time was Beans Bistro. In addition to this, OPG provided support to the Kincardine Fish Hatchery and Derby, and the Lake Huron Centre for Coastal Conservation's 7th Conference on Lake Huron's Coastal Environment.