

Performance Report for Decommissioning & Nuclear Waste Management

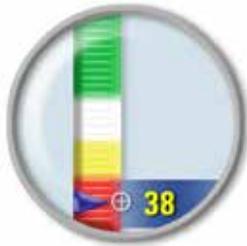
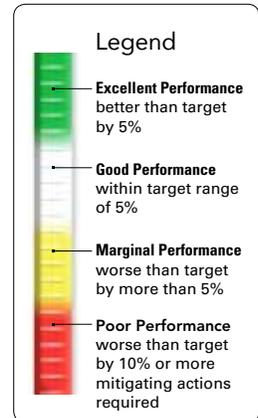
Performance Update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation’s Decommissioning and Nuclear Waste Management Facilities in the areas of safety, operations, and the environment. It also summarizes significant accomplishments achieved during the first quarter of 2015.



Environment - Spills to the Environment

During the first quarter our waste facilities had no spills to the environment that were reportable to a regulatory authority. For detailed environmental information, please refer to the environmental data reports available on www.opg.com under News and Media.



Operational Performance

A total of 38 used fuel Dry Storage Containers (DSCs) were processed in the first quarter. As a result of equipment issues, this number is below the goal of 58. Recovery schedules are in place to meet the 2015 target of 220.



Incinerator Production

OPG continues to invest in maintenance work in 2015 to improve reliability. During the first quarter, the incinerator burned six cubic meters of liquid waste – an amount below the 16 cubic meters target for this point in the year. Incinerator performance was below target because of a delayed start up after the 2014 fall outage. The incinerator was back in service in mid March.

Safety

Employee All Injury Rate

The All Injury Rate (AIR) measures the number of workplace injuries per 200,000 hours worked. During the first quarter, our AIR was zero – well below the year-end target of 0.69. Our employees have worked over three years without a lost-time accident.

Transportation Safety

The transportation of waste to our Western facility from Darlington and Pickering is managed by experienced and skilled drivers. In Q1, all shipments were made safely and accident free and the fleet safely traveled just over 76,000 additional kilometers. At the end of March, 3.36 million kilometers were safely traveled.



About OPG's Decommissioning and Nuclear Waste Management Division

OPG's Decommissioning and Nuclear Waste Management Division (DNWMD) 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. This facility receives low-level waste and reduces its volume through incineration or compaction. Used fuel dry storage containers are managed at facilities located at Pickering, Darlington and the WWMF.



Bruce County Museum Heritage Day



Kincardine's Lion's Club Splash Pad



Saugeen Shores Council WWMF tour

The following summarizes items of interest or milestones achieved by the Decommissioning and Nuclear Waste Management Division and across Ontario Power Generation:

OPG's Deep Geologic Repository Project Update

On May 6, the Joint Review Panel (JRP) issued the Environmental Assessment (EA) Report recommending approval of the Deep Geologic Repository (DGR) for Ontario's low and intermediate level waste to the federal Minister of the Environment. The report contains the conclusions, rationale and recommendations on the DGR and its ability to safely protect the Great Lakes, the environment and the public. It concludes OPG's DGR will not result in any significant adverse environmental effects, given mitigation to the water, workers, the public or the surrounding environment.

The Joint Panel's report comes after more than 14 years of study, consultation and the most comprehensive and science-based nuclear waste storage review in Canadian history. OPG is proud of its extensive efforts and pleased the panel reached the same conclusions.

On June 3 the Canadian Environmental Assessment Agency (CEAA) announced it will be undertaking a 90 day public comment period for the last phase of the environmental assessment process for OPG's Deep Geologic Repository project for low and intermediate level waste. Aboriginal groups, the public and registered participants are being invited to comment on potential conditions related to possible mitigation measures and follow-up programs by September 1. The 120-day timeline for the EA decision by the federal minister of environment is also being extended 90 days to December 2, 2015.

For additional information about the DGR Project and to read the JRP report, please visit www.opgdgr.com

Decommissioning and Nuclear Waste Management

- The Canadian Nuclear Safety Commission (CNSC) released the Regulatory Oversight Report covering the period of 2010-2014 for OPG's Darlington, Pickering and Western Waste

Management Facilities. The report highlights improved safety performance since 2010. DNWMD improved its performance by achieving a fully satisfactory (FS = highly effective) rating in four areas - the first ever for Nuclear Waste. The fully satisfactory areas were Operating Performance, Safety Analysis, Security and Conventional Health and Safety. All three of OPG's waste facilities currently hold 10-year licences. The report is an interim status update on OPG's performance during the current licences and will be presented to the CNSC at a public meeting on June 17, 2015.

OPG News

- OPG's Thunder Bay Generating Station (TBGS) was converted from burning coal to advanced biomass using leading-edge technology. Using advanced biomass to generate renewable electricity is an innovative new area of development for the electricity industry. OPG is also supporting biomass research through its sponsorship of the Bioenergy Learning Research Centre at Confederation College in Thunder Bay. Like OPG's Atikokan Generating Station, TBGS has the flexibility to respond to changes in electricity demand and provide dispatchable power when it is most required.

In the Community

- During the first quarter of 2015, the DNWMD provided tours to five groups and held numerous stakeholder meetings with municipal, federal and provincial officials. The Western site supported 16 community initiatives in Bruce County such as Family Heritage Day, Kincardine Pipe Band, International Women's Day, Rotary Winterama, Kincardine's Lion's Club Splash Pad, Bluewater Regional Science & Tech Fair, the Kincardine Chamber of Commerce Achievement Awards and Kincardine and Chantry Chinook fish derbies.