

Performance Report for Decommissioning & Nuclear Waste Management

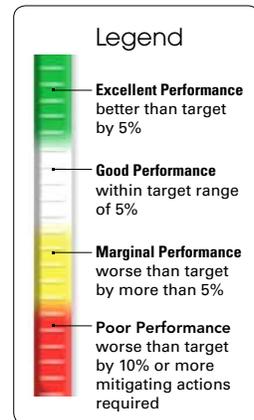
Performance Update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation’s Nuclear Waste Management Facilities in the areas of safety, operations, and the environment. It also summarizes significant accomplishments achieved during the first quarter of 2016.



Environment - Spills to the Environment

Our waste facilities experienced no spills to the environment this quarter 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 52 used fuel Dry Storage Containers were processed in the first quarter. This was one below the goal of 53 for the first quarter. Production remains on track to meet the year-end commitment of 223.



Incinerator Performance

The incinerator experienced a forced outage in January and resumed operations in February. In this quarter, the incinerator processed 339 cubic meters of solid waste, below the goal of 438 cubic meters for this point in the year. The year-end volume reduction target of solid waste is 1,243 cubic meters.

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 – which is excellent performance and well below the year-end target of 0.24. Our employees have worked more than five 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 88,000 additional kilometers. At the end of March, 3.54 million kilometers were safely traveled.



About OPG's Decommissioning and Nuclear Waste Management

OPG's Decommissioning and Nuclear Waste Management (DNWM) 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. Low-level waste is volume reduced through incineration or compaction. Used fuel dry storage containers are managed at facilities located at Pickering, Darlington and the WWMF.



Bluewater District Science & Technology Fair



International Women's Day



Bruce County Museum Heritage Family Day

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

In February, the Federal Minister of Environment and Climate Change requested OPG to provide further information on OPG's DGR. The Joint Review Panel (JRP) recommended to the federal government the project move forward based on the strong technical safety case.

On April 5, OPG provided a plan to the Canadian Environmental Assessment Agency (CEAA) to meet the three objectives of the Minister's request:

- OPG will assess the environmental effects of two technically and economically feasible locations in Ontario for a new nuclear waste DGR disposal facility. One assessment will consider a similar repository located in sedimentary rock in southern Ontario. The second will consider a repository located in granite rock in central to northern Ontario. Specific locations will not be identified.
- An updated analysis of the cumulative environmental effects of the project considering a used fuel repository is sited within the DGR study area and preliminary assessments undertaken by the Nuclear Waste Management Organization for used fuel.
- OPG will undertake a review of its mitigation commitments and all mitigating actions. Any out-dated or redundant commitments previously brought forward to the JRP will be identified.

OPG will provide the requested studies and additional information by the end of 2016. For more information visit www.opg.com/dgr.

OPG News

- OPG and its partners, Sun Edison Canadian Construction LP and Six Nations Development Corporation, were selected by the Independent Electricity System Operator to develop a 44 megawatt solar facility on the Nanticoke Generating Station site on Lake Erie. The project will transform a former coal plant site into a solar farm.
- In January, the Ontario Government announced its decision to invest in the refurbishment of the first of four units at the Darlington Nuclear Generating Station. Continued operation of Darlington for 30 more years will preserve local jobs while providing clean, reliable, base load power at a cost lower than other alternatives considered. Refurbishment of all four units is scheduled for completion by 2026.

In the Community

DNWM provided tours to five groups and held numerous meetings with the First Nation and Métis, and municipal, federal and provincial officials. The Western site supported 21 community initiatives in Bruce County such as Family Heritage Day, Kincardine Pipe Band, International Women's Day, Rotary Winterama, Bluewater Regional Science & Tech Fair, Kincardine Trails, Skills Ontario Camp, Point Clark Lighthouse, Kincardine Community Achievement Awards and Explore the Bruce.