

JUNE 18, 2024 · 8 MIN READ

Nuclear Waste Management Facility Performance Report - Q1 2024 Results

Performance update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation's (OPG'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 2024.

OPG operates three nuclear waste facilities across the province located in Darlington, Pickering & Bruce County. Spent fuel taken from the reactors is stored at each facility locally after it has been cooled for 10 years. Low and intermediate level materials are stored at OPG's Western Waste Management Facility.

Safety

Total Reportable Injury Frequency (TRIF)



0.0 TRIF

TRIF is a measure of the number of injuries involving OPG employees that result in a fatality, lost time, restricted work or medical treatment per 200,000 hours worked. Q1 TRIF is at 0.00. The year-end target is not to exceed 0.47. OPG measures TRIF using a 12-month rolling average, rather than quarterly updates.

Transportation Safety



0.0 incidents

Experienced and skilled drivers manage the transportation of waste to our Western facility from Darlington, Pickering and Bruce Power. In this quarter, all shipments were made safely and accident-free and the fleet safely travelled 154,990 additional kilometres this quarter marking over 6.75 million kilometres safely travelled to-date.

Environment

Spills to the environment



0 spills

There were no spills to the environment at our waste facilities that were reportable to a regulatory authority. For detailed environmental information, please refer to the environmental data reports available on our [Regulatory Reporting page](#).

Operational Performance

Pickering Waste Management Facility (PWMF)



PWMF - 15

A total of 15 Dry Storage Containers (DSC) were transferred up to the end of Q1 which was in line with the year-to-date target of 5.

Darlington Waste Management Facility (DWMF)



DWMF - 13

A total of 13 Dry Storage Containers (DSC) were transferred up to the end of Q1 which was below the year-to-date target of 14.

Western Waste Management Facility (WWMF)



WWMF - 31

A total of 31 Dry Storage Containers (DSC) were transferred up to the end of Q1 which was above the year-to-date target of 30.



Waste Minimization

Through incineration and compaction, a total of 619.0 cubic metres of low-level solid waste was processed this quarter. This was above the year-to-date target of processing 619 cubic metres. The year-end goal is 5,795.00 cubic metres processed.

Questions?

Please contact Jennifer Knox, Director - Nuclear Stakeholder Relations, through the form below.

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