

DECEMBER 12, 2023 · 8 MIN READ

Nuclear Waste Management Facility Performance Report - Q3 2023 Results

Performance update

As part of our commitment to keep you informed, this report tracks performance for Ontario Power Generation (OPG)'s Nuclear Waste Management facilities in the areas of safety, operations, and the environment. It also summarizes significant accomplishments achieved during the third quarter of 2023.

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)



0.18 TRIF

TRIF is a measure of the number of injuries involving OPG employees that result in a fatality, lost time, requiring restricted work or requiring medical treatment per 200,000 hours worked. The current 12 month rolling average for TRIF sits at 0.18 below the year-to-date target of 0.25. The year-end target is not to exceed 0.25.

Transportation Safety



0.0 incidents

The transportation of waste to our Western facility from Darlington, Pickering and Bruce Power is managed by experienced and skilled drivers. In this quarter, all shipments were made safely and accident-free and the fleet safely travelled 105,800 additional kilometres. By the end of September over 6.7 million kilometres were safely travelled.

Environment

Spills to the environment



0 spills

In this quarter, 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 - 31

Pickering Waste Management Facility: A total of 36 Dry Storage Containers (DSC) were transferred up to the end of Q3 which totals 78 of 70 year-end transfer target, keeping the facility on track to exceed their yearly target.

Darlington Waste Management Facility (DWMF)



DWMF - 20

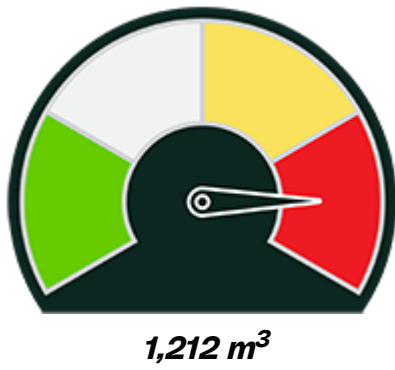
Darlington Waste Management Facility: A total of 20 Dry Storage Containers (DSC) were transferred up to the end of Q3 which totals 45 of 57 year-end transfer target keeping the facility on track to meet this target by year end.

Western Waste Management Facility (WWMF)



WWMF - 27

Western Waste Management Facility: A total of 36 Used Fuel Dry Storage Containers (DSC) were transferred up to the end of Q3 totalling 78 of 110 year-end transfer target. It is anticipated that Western Operations will recover the transfer schedule meeting the year end target of 110 transfers by end of year.



Waste Minimization

In Q3, through incineration a total of 1,212 cubic metres of low-level waste was processed. This was below the year-to-date target, to process 2,845 cubic metres. The goal is to process 5,690 cubic metres by year end.

Questions?

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

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