

## IN THIS ISSUE

- ▶ OPG's RMT Program
- ▶ WWM receives award
- ▶ Enhancements at NSS-WWMF
- ▶ NWMO's DGR Project Updates
- ▶ OPG's Power for Change program
- ▶ OPG in the Community



*OPG's RMT transport truck and trailer loaded with low-level waste transportation containers*

## OPG's Radioactive Material Transportation fleet – handling with care

For over 50 years, Ontario Power Generation's (OPG) Radioactive Material Transportation (RMT) fleet has been safely transporting low and intermediate level waste on public roads throughout Southern Ontario. Transportation of these materials is an essential component of the nuclear generating cycle and is completed while boasting an exceptional safety record. Ride along with us as we take you down the road to learn more about this very interesting division of OPG.

OPG's RMT fleet is made up of several trucks, specialized trailers and transportation packages, designed and tested to move low and intermediate-

level waste materials from OPG's nuclear generating stations in Pickering and Darlington to the Western Waste Management Facility for processing and interim storage. All drivers are licensed and trained extensively and despite having ample years of truck driving experience prior to coming to OPG, are still required to complete training and job shadowing with OPG prior to driving a truck independently. In addition, drivers are required to complete rigorous ongoing training to ensure their skillset is as up to date as possible.

Jesse Gallion-Culp, First Line Manager of OPG's RMT fleet explains, "In RMT our commitment to safety is unwavering. Our highly trained drivers not only bring a wealth

of experience and knowledge from their extensive careers, but they also adhere to the highest standards of radiological and conventional safety, he explains.

Gallion-Culp continued, "we ensure that every shipment of radiological material is conducted with the utmost care and diligence, prioritizing the well-being of our communities', our families and our environment. Safety is not just standard, it's our commitment"

OPG's licensed transportation packages also provide ample protection and containment in the unlikely event that an incident should ever occur. These packages are stringently tested and

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story continued from page 1

undergo strength-testing scenarios such as being dropped from a distance onto a sharp surface, submerged in water and set on fire. This testing is intended to far exceed any impact or conditions that would ever naturally occur. All RMT transportation packages are licensed by the Canadian Nuclear Safety Commission to ensure compliance with radioactive material handling.

OPG trucks used for radioactive material transportation are equipped with additional safety features including front-facing cameras, enhanced mirrors, emergency deployment buttons and

GPS systems that track all shipments and current location. Furthermore, each truck undergoes extensive inspections at regular intervals to ensure there are no deficiencies that could cause an issue during transportation. Trucks and trailers utilized for the transportation of radioactive materials are also licensed by Transportation Canada to ensure compliance with travel on the roads and adheres to the stringent International Atomic Energy Agency regulations for the safe transport of radioactive material.

OPG also has an emergency response plan, which is audited both internally and by Transportation Canada to

ensure it adheres to the highest of safety standards. Information on the RMT program is provided to police, fire, emergency response personnel and local Municipal Councils to ensure coordination on all major safety initiatives pertaining to transportation of radioactive materials.

The safety of our workers, public and the environment is of the utmost importance to OPG in all aspects of our operations. Having travelled millions of kilometres over the last 50 years, our Radioactive Materials Transportation department takes a back seat to nobody when it comes to safety.



OPG's Ashley Fox, Assistant Environmental Associate & Kaitlyn Nevill, Senior Communications Advisor attended the annual Wildlife Habitat Council conference in New Orleans where they accepted an award in recognition of OPG's efforts to combat phragmites

## Sustainability Services – Western Waste Management receives prestigious environmental award

OPG's biodiversity and environmental responsibility are essential components to site operations across the fleet. This involves establishing a multitude of environmentally focused programs that ensure species on each OPG site are provided for and that more is given back to the environment than what is taken.

OPG's Nuclear Sustainability Services – Western Waste Management (NSS-WWM) Division has done an exceptional job with their environmental programming. In early 2024, they were notified that

they had won gold certification for the second consecutive term, through the international Wildlife Habitat Council (WHC), in recognition of their outstanding biodiversity efforts on site. This was a notable and well received accomplishment, one that the site as a whole had a hand in achieving.

More notably however, was the prestigious award that was presented to NSS-WWMF while at the WHC annual conference, recognizing their outstanding efforts to combat the

invasive phragmite species at Baie de Dore, just north of the site.

Phragmite is an invasive plant that is not native to Ontario. It has made its way into our waterways and is causing significant damage to the ecosystem and wildlife that call this home. To ensure that we provide the best possible biodiverse environment, it is essential that we combat this invasion properly. OPG has taken substantial steps to assist in decreasing phragmite infestation and it was an honour to receive formal recognition of these efforts.



*Jason Beange happily helps to plant native Ontario plants into the new pollinator garden on site.*

## Biodiversity enhancements at NSS-WWMF

To further enhance the site's extensive biodiversity initiatives, NSS-WWMF added two new pollinator gardens at the east entrance of OPG's administrative building.

Staff lent their time and green thumbs to assist in planting a variety of native



*OPG's NSS-WWMF Staff assisted with planting two new pollinator gardens outside of the administration building on site. Starting from the Left: Kate Kunkel, Melissa Pinnegar, Dwayne Sinclair, Cynthia Lam, Andrea Goold, Adam Melick & Jason Beange*

Ontario plant species in these gardens. Come Spring, the fully bloomed plants will attract pollinators such as bees and butterflies, enhancing our sites' biodiversity through active pollination.

With the number of pollinators on the decline, providing a space for the enhancement of these populations in one more way that we are giving back to the environment.



## NWMO DGR updates

On November 28, the Nuclear Waste Management Organization (NWMO) announced it has selected Wabigoon Lake Ojibway Nation (WLON) and the Township of Ignace in northwestern Ontario as the host communities for the future site for Canada's first deep geological repository (DGR) for used nuclear fuel.

This selection follows years of rigorous analysis, engagement, conversation and learning from communities, the public and Indigenous Peoples. After completing a comprehensive site selection analysis, the NWMO confirmed that the northwestern Ontario site meets the technical and environmental criteria required to safely contain and isolate Canada's used nuclear fuel.

*“This is a historic moment. This project will solve an environmental issue and supports Canada's climate change goals. And today's decision was driven by a consent-based siting process led by Canadians and Indigenous peoples. This is what making history looks like.” – Laurie Swami, NWMO President and CEO.*

Now that the site is officially selected, the project will enter a mandatory multi-year regulatory decision-making process, which includes an impact assessment and licence applications. This process (Led by the Impact Assessment Agency of Canada and the Canadian Nuclear Safety Commission) will allow for participation from the public and Indigenous communities to ensure that the project meets rigorous regulatory standards to protect public health, safety, and the environment.



*Aerial view of the Nuclear Sustainability Services – Western Waste Management site*

OPG remains supportive of NWMO's DGR project and its mandate of securing a safe, permanent solution to store Canada's nuclear waste.

# Updates to OPG's Community Sponsorship Program

OPG is committed to being a good corporate citizen and neighbour. Part of doing this is giving back to the communities in which we operate to help build a cleaner, more sustainable future for generations to come. The Corporate Citizenship Program has been transformed into the Power for Change Project, empowering organizations in host communities to do what they do best – make a difference.

In the spring of 2024, OPG's longstanding community sponsorship program underwent a substantial update to better align with current needs within the community. Applications are now accepted through an online platform called Benevity. Links to eligibility and evaluation criteria, application tips and to the Benevity application software can be found at [opg.com/powerforchange](https://opg.com/powerforchange).

Sponsorships and Donations are now considered as part of four funding pillars which include: Protecting the Planet, Advancing Reconciliation, Supporting Strong Communities & Empowering the Next Generation.

We encourage all local organizations to take some time to review the new funding guidelines and determine eligibility based on the updated funding pillars. For any questions or concerns regarding the program, please reach out to Kaitlyn Nevill ([Kaitlyn.nevill@opg.com](mailto:Kaitlyn.nevill@opg.com)), who administers the Power for Change project for the Bruce County area.

## OPG in the community

Across Ontario, OPG sponsors a multitude of worthy organizations with focus areas that include cultural events and festivals, education programs, environmental initiatives, foodbanks and healthcare, amongst others.

Below are few highlights from the expansive sponsorship program that is run throughout the Bruce & Grey areas.



From L-R: Steve Sprung, Dan Riggs, Colin Crawford & Salman Makhdoom from OPG's RMT fleet attended the 2024 Port Elgin Pumpkinfest with one of their new fleet vehicles



Salman Makhdoom, Kaitlyn Nevill & Nicole Schmidt were busy at the OPG sponsored Environment Tent once again at the 2024 Port Elgin Pumpkinfest



Senior Communication Advisor, Kaitlyn Nevill & Brockton Mayor Chris Peabody helped open the feature exhibit at the Bruce County Museum & Cultural Centre in May 2024



Senior Communication Advisor, Kaitlyn Nevill stands beside the feature exhibit sign indicating OPG as the sponsor



Senior Communications Advisor Kaitlyn Nevill presents a cheque to Pine River Watershed Initiative in support of their 2025 seedling program



Kapil Aggarwal (L), VP of Nuclear Sustainability Services, and Nuala Zietsma (R), Director of NSS Strategy & Community Relations presents a cheque from OPG in support the 25th Anniversary of Saugeen Shores to Mayor Luke Charbonneau

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