

**DNGS Community Advisory Council
Darlington Nuclear Information Centre
Tuesday, March 28, 2023**

Note: This meeting was a brief introduction to nuclear power and a plant tour for new CAC members and interested longtime members.

CAC:

Jim Boate
Cara Gregory
Bethany Matovic
Jennifer O'Meara
Penny Smith

OPG:

Leah Bourgeois
Kathleen Carew
Richard Geofroy
Chris Grills
Lindsay Hamilton
Kristy Mohan
Jessica Nash

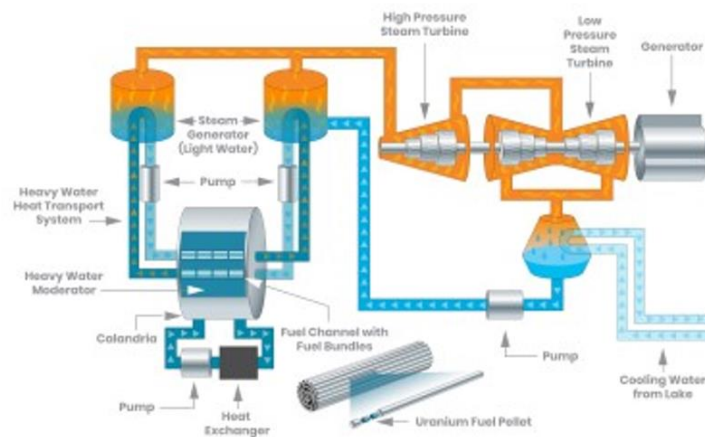
Hardy Stevenson and Associates:

Francis Gillis
Dave Hardy

Topic #1: Introduction

Leah Bourgeois, Senior Communications Advisor Stakeholder Relations, DNGS, presented a diagram of a CANDU reactor, illustrating the radiological and conventional sides of the reactor:

CANDU Diagram



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Topic #2: Station Tour

Richard Geoffroy, Senior Vice President and Kathleen Carew, Director of Operations and Maintenance, led the tour of the Darlington Nuclear Generating Station, which was escorted by Leah Bourgeois and by Chris Grills, Senior Communications Advisor, DNGS. Tour locations included:

- Operations Support Building
- Main Control Room
- Reactivity Deck
- Turbine Hall
- Fuel Bay

Topic #3: Community Update

Lindsay Hamilton, Manager Corporate Relations and Projects, presented an update on OPG and its involvement in community activities:

- OPG has entered into an Agreement of Purchase and Sale of the General Motors of Canada building in Oshawa for the company's new headquarters. The approximately 285,000 square feet of office and amenity space will be retrofitted prior to occupancy in late 2024. OPG had revisited earlier plans to construct a new headquarters on land adjacent to its Darlington Energy Complex when an economical, sustainable option of repurposing an existing building became available.

- The spring issue of OPG's Neighbours Newsletter will be delivered to homes within the next few weeks.
- At the end of February, the Stakeholder Relations team participated in the Big Brothers, Big Sisters of Clarington annual Bowl for Kids Sake fundraising event.
- This March Break, OPG returned to in-person activities. From March 13 – 17, OPG offered two free public skates per day across the Region, every morning in Pickering/ Ajax and every afternoon in Oshawa/Clarington. Over 900 families attended over the week-long program.
- Bring Back the Salmon is an educational program delivered by the Ontario Federation of Anglers and Hunters (OFAH) with support from OPG to provide a hatchery update to participating classes. There was a kick-off event at Darlington Nuclear at the end of February. Fry from the hatchery will be released into Bowmanville Creek in May.
- OPG's Pickering and Darlington stations have been awarded with Gold Certification from the Wildlife Habitat Council. The WHC certifies conservation programs on corporate lands around the world.
- Food insecurity is increasing in Clarington. OPG is partnering with Feed the Need Durham (FTND) to help local food banks keep up with increasing demand. The company will be donating \$25,000 to FTND to purchase and distribute food to those in need. Recently, OPG participated in an internal fundraising initiative that collected over 3,000 pounds of non-perishable food items, equalling 2,693 meals for those in need.
- In 2023, OPG's Corporate Citizenship Program (CCP) has supported 34 non-profit organizations across Durham Region (19 PNGS and 15 DNGS), including youth sports teams, health care organizations and more. For example, the CCP provided sponsorship for Durham Region's 43rd Ontario Parasport Games held throughout the region on Friday, Feb. 3 to Sunday, Feb. 5. CCP's focus was on sledge hockey events. David Tyndall, Director of New Nuclear Technologies, presented the gold medals to the athletes at the final sledge hockey game. Spot, OPG's robotic dog, performed the ceremonial puck drop at the event. OPG staff cheered teams on from the stands.

Lindsay, Richard and Chris responded to Council questions:

- *Is OPG planning to refurbish and extend the life of Pickering Nuclear?*
Lindsay: The Government of Ontario has asked OPG to look into the feasibility of extending the life of Pickering Nuclear.
Richard: OPG plans to have a business case for such an extension into the hands of the government by late fall of this year.

- *Is the province concerned about an energy shortage in the coming years?*
Richard: We need more power and we need it fast. This situation is driving serious consideration of Pickering refurbishment, which would extend the life of the plant for the long term. In the meantime, we are looking at extending the operation of Pickering Units 5 – 8 to 2026.
Lindsay: Climate change goals are also driving the need for carbon-free energy.
Chris: To meet energy needs, we need to achieve a total capacity of 88,000 megawatts by 2050, double of current capacity.
Richard: We may need gas plants to bridge the supply gap while constructing new nuclear. We are also interested in having the ability to supply energy to Quebec, Manitoba and south of the border.

Topic #4: Comments on Plant Tour

Council members were very impressed with the size of the Darlington plant and found its operations fascinating and reassuring.

A member commented that the enthusiasm and productivity she saw in the plant is connected to what the station's communications people do. "So, you must go into the plant quite frequently," she said. "I came away today with a lot more knowledge about how the plant operates. Kudos to all of you."

Richard thanked the member for her comments.

Lindsay remarked that enthusiasm and productivity is part of the OPG culture. That culture is also driven by the fact that she and her colleagues live in the surrounding community.

CAC Facilitator Dave Hardy remarked that Council members need to understand what goes on in the plant. The tour obviously contributed significantly to that understanding.

He noted that the full CAC will next meet in April. Presentations by the Nuclear Waste Management Organization (NWMO) and Darlington refurbishment managers will be on the agenda.

Next Meeting

Darlington Nuclear Information Centre
Tuesday, April 25, 2023
4 pm – 7 pm