



CMD 26-H7.38

Date: 2026-08-12

**Written Submission from the
Canadian Nuclear Association**

**Mémoire de
l'Association nucléaire canadienne**

In the matter of

À l'égard de

Ontario Power Generation

Application to refurbish Pickering Nuclear
Generating Station and to renew licences
for the Pickering Nuclear Generating
Station and Waste Management Facility

Ontario Power Generation

Demande concernant la réfection de la
centrale nucléaire de Pickering et le
renouvellement de ses permis pour la
centrale et l'installation de gestion des
déchets

**Commission Public Hearing
Part 2**

**Audience publique de la Commission
Partie 2**

October 2026

Octobre 2026

Canadian Nuclear Association in support of Ontario Power Generation's License to Renew

The Canadian Nuclear Association (CNA) has more than 100 members, representing over 89,000 Canadians employed directly or indirectly in exploring and mining uranium, generating electricity, advancing nuclear medicine, and promoting Canada's worldwide leadership in science and technology innovation. Our members are committed to safety and environmental stewardship throughout the entire life cycle of the nuclear industry including the release of sites to long-term stewardship or free release.

The CNA is pleased to be offering its support for Ontario Power Generation's (OPG) renewal application for the Pickering Nuclear Generating Station's Power Reactor Operating Licence (PROL). During the requested 10-year term, OPG plans to refurbish Units 5 to 8 and progress the decommissioning of Units 1 to 4 as per the CNSC approved Detailed Decommissioning Plan. Additionally, this application requests the consolidation of the licensed activities authorized under the current Pickering Waste Facility Operating Licence (WFOL) with the Pickering PROL to give a holistic view of generation and waste for managing the licence, and to streamline regulatory processes.

The Pickering refurbishment is essential in ensuring that Ontario can meet its growing energy demands, as this project will extend the longevity of the units' operations by more than 30 years and secure more than 2,100MW of clean energy. It's expected that the extension would power more than 2 million homes and secure a long-term supply of Cobalt-60, which supports the provincial goal to double the number of medical isotopes over the next four years. In addition to this, the refurbishment will substantially contribute to the Canadian economy with a projected increase of Canada's GDP by \$41.6 billion over its lifespan and a contribution of \$17 billion toward Ontario's GDP.

The Pickering NGS is one of the largest nuclear stations in the world and has been supplying power to Ontario safely and reliably for decades. OPG's previous refurbishment project of the Darlington NGS is evidence of the organization's capability to complete projects on-time, on-budget, and with the intended outcomes. OPG is well positioned to leverage its experience from Darlington by applying the same planning, oversight, and partnership model to the Pickering refurbishment while also incorporating new improvements brought on by feedback from lesson learned reviews.

I would also like to highlight OPG's recognition that the Pickering NGS facility is located on the traditional territory of the Michi Saagiig and Chippewa Williams Treaties First Nations. OPG demonstrates an exemplary commitment to ongoing meaningful Indigenous engagement and consultation. OPG's Indigenous Relations Policy is designed to facilitate collaboration with Indigenous Nations and communities throughout its projects by seeking input, keeping communities informed, and addressing concerns. OPG has also conducted a



preliminary review on the potential impacts to Indigenous communities and provided the Michi Saagiig Nation an early draft of the project. The assessment found that the refurbishment will have minimal adverse effects on Indigenous rights and has not received any substantive concerns from the Michi Saagiig Nation.

The CNA believes that OPG has demonstrated its commitment to the protection of the health and safety of people and environment throughout this proposal and its operations. For these reasons we would like to extend our full support for the Pickering NGS's license renewal, refurbishment, and decommission.

Thank you,



George Christidis
President and CEO
Canadian Nuclear Association

