



**Written submission from the  
Municipality of Clarington**

**Mémoire de la  
Municipalité de Clarington**

In the Matter of the

À l'égard d'

**Ontario Power Generation Inc.**

---

**Ontario Power Generation Inc.**

---

Applicability of the Darlington New Nuclear Project environmental assessment and plant parameter envelope to selected reactor technology

Applicabilité de l'évaluation environnementale et de l'enveloppe des paramètres de la centrale à la technologie de réacteur sélectionnée pour le projet de nouvelle centrale nucléaire de Darlington

**Commission Public Hearing**

**Audience publique de la Commission**

**January 2024**

**Janvier 2024**

# Clarington

November 20, 2023

Senior Tribunal Officer, Secretariat  
Canadian Nuclear Safety Commission  
280 Slater Street P.O. Box 1046, Station B  
Ottawa, Ontario K1P 5S9

The Municipality of Clarington is a proud nuclear host community. The deployment of four small modular reactors (SMRs) provides a unique opportunity for Clarington – positioning us as an energy hub in Canada and arguably globally. Clarington looks forward to the continued role that the sector will play in our community and economy.

It is our understanding that this hearing will examine the applicability of the Plant Parameter Envelope (PPE) and the applicability of the Environmental Assessment (EA) for the four units.

The Municipality is not able to undertake a technical assessment of the proposed parameter changes, but understands that the Canadian Nuclear Safety Commission (CNSC) has stated that the GE Hitachi BWRX-300 technology remains bounded by the EA.

The Municipality's position on the EA has been stated through its comprehensive 2021 intervention on the Environmental Impact Assessment (EIA), which was undertaken by staff and external experts. The Municipality's issues and concerns with respect to the Project were satisfactorily addressed. Council Resolution PD-140-21 is attached for reference.

Clarington has implemented land use policies and protocols to address the restriction of sensitive land uses within the three-kilometer buffer from the center of the site. Staff are interested in continuing to work closely with representatives of the CNSC, Durham Region and Ontario Power Generation to continue addressing sensitive land uses within the three-kilometer buffer zone. Clarington is committed to ensuring appropriate land use and emergency planning.

Clarington is pleased to work in partnership with OPG and to continue our work on various initiatives including public awareness, emergency management, transportation network improvements, site planning, potassium iodide (KI) pill distribution, and on the Darlington Community Advisory Council.

Nuclear power is a critical part of the pathway to net-zero. Clarington remains supportive of this project and looks forward to continuing to collaborate with OPG as it moves forward with this deployment of SMRs in Clarington.

While the Municipality will not attend the hearing in person, please consider this letter as our comments. Also, please note our intention to intervene at the October 2024 hearing in support of the license to construct.

Yours truly,

A handwritten signature in black ink, appearing to be 'AF' or similar initials, written in a cursive style.

Adrian Foster  
Mayor