



**Oral presentation**

**Exposé oral**

**Written submission from the  
Ajax-Pickering Board of Trade**

**Mémoire du  
Ajax-Pickering Board of Trade**

In the Matter of the

À l'égard d'

**Ontario Power Generation Inc.**

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Application to extend the operation of  
Pickering Nuclear Generating Station  
Units 5 to 8 until December 31, 2026

Demande visant à prolonger l'exploitation  
des tranches 5 à 8 de la centrale nucléaire de  
Pickering jusqu'au 31 décembre 2026

**Commission Public Hearing**

**Audience publique de la Commission**

**June 2024**

**Juin 2024**



April 26, 2024.

Commission Secretariat  
Canadian Nuclear Safety Commission  
280 Slater Street  
PO Box 1046, Station B Ottawa,  
Ontario, K1P 5S9

Dear Commission Secretariat:

The Ajax-Pickering Board of Trade (APBOT) represents more than 500 businesses and community organizations and has been the voice of business in Ajax and Pickering for 69 years. We are long-time advocates on matters of importance to our business community and our community at large.

In 2018, we intervened in support of the application by Ontario Power Generation (OPG) for renewal of their operating licence for Pickering Nuclear Generating Station (PNGS) units 5-8. Given the station's continued strong safety and operational performance since then, we confidently submit this letter today in support of OPG's application to continue operations of units 5-8 to the end of 2026.

Our confidence is further bolstered by the independent in-depth safety analysis, called the Periodic Safety Review (PSR2) which was completed by Kinectrics in advance of the 2018 license hearing and has now been updated and called the PSR2-B. It confirms the design, condition, and operation of Pickering NGS supports continuing commercial operation from 2024 to 2026.

Our first consideration, in common with the Canadian Nuclear Safety Commission (CNSC) and OPG is safety. PNGS operations meet or better strict standards and regulatory requirements to ensure their employees and our communities are always safe. As you know, no member of the public has ever been harmed as a result of a radiation emission from the nuclear power plant or nuclear by-product storage facilities and we trust that track record to continue.

Our second consideration is that APBOT members require reliable and low-cost electricity to power their businesses. Pickering Nuclear is seeing its strongest performance ever, including achieving its highest yearly production output and its best equipment reliability ratings. In 2022, all six operating units ran simultaneously to supply energy for 109

consecutive days, a station record. In 2023, Pickering Nuclear recorded its second-highest output in the history of the six-unit station.

We also appreciate the overall environmental and economic benefits expected as a result of continued operations of Pickering NGS Units 5 to 8 to the end of 2026, including:

- Reducing CO2 emissions by 2.1 megatonnes in 2026 – the equivalent of taking up to 643,000 cars off the road.
- Extending the need for 4,500 skilled jobs for approximately two years.
- Ensuring a stable supply of Cobalt-60, a critical medical isotope used in lifesaving medicine (Pickering provides 20% of the North American supply – and 10% of the world's supply).

Finally, APBOT has a long-standing and positive relationship with OPG. Their presence in our community has been extremely beneficial for our other members, as well as the communities of Ajax and Pickering, and the entirety of Durham Region.

Earlier this year, OPG invited the APBOT's Board of Directors to a presentation and an insightful tour of their site. OPG highlighted their operational safety, reliable energy production, and community outreach. This presentation and tour reaffirmed our trust in the Pickering Nuclear Generating Station to continue providing safe, low-cost, and reliable power for our community and the province.

OPG recognizes the importance of community trust and support for their continued operation, and they strive to operate their station in a way that demonstrates shared values with our communities. They communicate station activities in an open and transparent fashion. They develop community partnerships that further demonstrate shared values and better our communities.

Thank you for allowing us the opportunity to share our strong support of OPG's application to continue operations of PNGS units 5-8 to the end of 2026. We understand there will be public hearings in June, and we will be prepared to deliver an oral intervention then.

Sincerely,

*Alli Leetham*

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