



**Written submission from
Clarington Board of Trade**

**Mémoire de
Clarington Board of Trade**

In the Matter of the

À l'égard d'

Ontario Power Generation Inc.

Ontario Power Generation Inc.

Application for a licence to construct one BWRX-300 reactor at the Darlington New Nuclear Project Site (DNNP)

Demande visant à construire 1 réacteur BWRX-300 sur le site du projet de nouvelle centrale nucléaire de Darlington (PNCND)

**Commission Public Hearing
Part-2**

**Audience publique de la Commission
Partie-2**

January 2025

Janvier 2025

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October 25, 2024

Hearing notice# 2024-H-03

Ms. Louise Levert
Senior Tribunal Officer
Commission Registry

Canadian Nuclear Safety Commission
280 Slater Street
Ottawa, Ontario
K1P 5S9

Dear Ms. Levert,

Notice of Participation at CNSC Public Hearing 2024-H-03 and Written Submission in support of the Hearing on a Licence to Construct one (1) BWRX-300 unit at the Darlington Nuclear Site under the Darlington New Nuclear Project

On behalf of the Board of Directors and the membership of the Clarington Board of Trade (CBOT), we submit this letter in support of Ontario Power Generation's (OPG) application for a Licence to Construct one (1) BWRX-300 unit at the Darlington Nuclear Site under the Darlington New Nuclear Project (DNNP).

The Clarington Board of Trade is a Not-For-Profit business organization representing over 400 businesses and community organizations, focused on the retention and sustainability of the business community within the Municipality of Clarington.

As a key member of our business community, OPG values and continues to strengthen the relationship with CBOT through engagement with our members, leveraging opportunities to educate our business community and growing workforce on the significance of the DNNP's contribution to increasing capacity to efficiently deliver safe, clean, reliable energy to a rapidly growing Ontario.

CBOT is excited to see the New Nuclear Project deploy BWRX-300 reactor technology. We look forward to progressing this next step towards realizing the opportunities and economic benefits anticipated to result from the construction of the DNNP small modular reactor (SMR) at both the local and national level.

CBOT and OPG enjoy a unique relationship and partnership where both parties value and contribute to building a stronger, more connected community. Our organizations partner on several initiatives each year, providing OPG opportunity to elevate DNNP awareness and engagement with members of the business community, as well as students from local secondary and post-secondary schools through OPG's 'Electrifying Education' initiative. Leveraging the platforms made available at various CBOT-hosted events, OPG regularly and transparently shares current information with members of the Clarington community; examples include the Clarington Employer-Student Summit, Clarington Energy Summit & Project Partner Vendor Fair, and numerous business networking events.

The relationship we have held with OPG over many years has fostered and strengthened connections and built trust with OPG's project partners on both Darlington Refurbishment as well as DNNP. CBOT has gained valuable insight and knowledge of what the partners need to best serve Darlington Nuclear projects – ranging from facility space, workforce needs to leveraging the relationship with CBOT to connect to local talent, products and services.

The Clarington Board of Trade's activity with the New Nuclear file dates back to 2009; we supported the original New Build regulatory process in 2011 with our submission of support to the Joint Review Panel regarding the Darlington New Nuclear Project Environmental Assessment (EA).

OPG has provided regular and comprehensive updates about the Site Preparation Licence, Environmental Impact Statement and Plant Parameter Envelope reviews, ensuring we are informed and up to date on the DNNP SMR developments – also giving CBOT the opportunity to share project milestones with members of the business community through our newsletters.

In support of Canada's commitment to be a net-zero carbon economy by 2050, OPG has committed to be a net-zero carbon company by 2040. Implementing SMR technology at the Darlington Nuclear site supports the decarbonization objective. OPG is very much aware of and engaged on the importance of working collectively with Project and host community partners to help achieve environmental and economic sustainability.

CBOT is aware that the DNNP project places strong emphasis on "Made in Ontario" requirements, which are clearly outlined in key project plans such as the Subcontractor Management Plan. Non-owner parties (NOPs) – Aecon, GE Hitachi and Atkins Realis - are expected to engage OPG and the remaining NOPs in early stages of subcontracting activities to ensure that all potential Ontario-based suppliers are being invited to participate in the tendering process. All parties will track goods and services Made in Ontario and report spend to the cross-functional project management team. The "Made in Ontario" requirements have already benefitted, and will continue to benefit, businesses in the Durham region - for example, St Marys Cement in Clarington has been selected by an NOP as the supplier of choice for the Project's cement needs. CBOT is also aware that Aecon is currently working with five suppliers in Clarington to help support project construction.

According to the Conference Board of Canada (CBOC), on average, SMR manufacturing and construction adds 1604 Ontario jobs per year and 1939 jobs per year for Canada. The CBOC projects that the deployment four SMRs in Ontario will generate, on average, 2,000 jobs per year over 65 years and approximately \$15.3 billion in GDP over that time. For every dollar invested in these four SMRs, an estimated \$0.82 in GDP will be generated.

The local economy is already experiencing positive project-related effects, with businesses such as hotels, restaurants, and caterers benefitting from increased demand. Project partners are also seeing the value of, and contributing to, key infrastructure projects that benefit the community including the Bowmanville Hospital expansion, the construction of the Clarington Hospice Centre, and the Clarington Firehouse Youth Centre. As the DNNP reaches its peak over the next decade, Clarington and Durham Region are poised to experience a significant economic boost, enhancing our already thriving, progressive, and welcoming community.

OPG's history of safe operations and project management success like the Darlington Refurbishment Project, demonstrates readiness to undertake the construction of a BWRX-300 unit at the Darlington Nuclear site. CBOT is confident that OPG and their experienced contract partners are prepared to carry out the activities outlined in the LTC application, and will ensure the protection of the environment, the health and safety of employees and public, and the safety and security of the site while the construction activities are undertaken.

CBOT commends OPG in seeing the importance of continuing to engage and communicate with Indigenous Nations and the community about the project during this upcoming stage of the project, and we CBOT looks forward to sharing updates with the greater business community in Clarington.

In conclusion, the Clarington Board of Trade supports Ontario Power Generation's application for a Licence to Construct one (1) BWRX-300 unit at the Darlington Nuclear Site under the Darlington New Nuclear Project. CBOT is confident that this Project, backed by extensive efforts to ensure community safety and maximize environmental and economic benefits, will bring substantial positive impacts to Clarington, Durham Region, Ontario, and Canada as a whole.

Sincerely,

Bonnie Wrightman

Bonnie Wrightman, Executive Director
Clarington Board of Trade
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Ontario L1C 1N3

Cc:

Mayor Adrian Foster
MPP Todd McCarthy
MPP David Piccini
MP Phillip Lawrence
MP Jamil Javani