



**Written submission from
Lakeside Process Controls Ltd**

**Mémoire du Lakeside Process
Controls Ltd**

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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November 4, 2024

**Senior Tribunal Officer, Commission Registry
Canadian Nuclear Safety Commission
280 Slater St
PO Box 1046 Stn B
Ottawa ON K1P 5S9**

**Subject: CNSC Notice of Public Hearing, Darlington New Nuclear Project, Ref. 2024-H-03
Licensee/Applicant: Ontario Power Generation
Participation: Written Submission Only**

Dear Sir or Madam:

Lakeside Process Controls Ltd. (Lakeside) is a Canadian based supplier and integrator of process automation equipment and services. We supply to industries in Ontario and Manitoba while operating out of locations in Mississauga, Sarnia, Thunder Bay, Sudbury, Hamilton and Winnipeg.

The intention of this written submission is to provide information regarding the interaction between Lakeside as a Canadian supplier and Ontario Power Generation that may be useful to the CNSC in coming to a decision.

I. Lakeside Process Controls Relationship with OPG

Our company consists of over 450 employees, with a large focus of our business on the nuclear industry. We have a long-standing relationship with Ontario Power Generation to supply nuclear valves of all types, as well as software and services. This relationship has lasted for decades, and has contributed to the continual growth of Lakeside as a company over years. Ontario Power Generation's continued investment and operation of nuclear power plants has also led to our company developing relationships with other companies in the nuclear industry – both suppliers and customers – to mutually grow the industry in Ontario and Canada.

II. Positive Safety Culture impact on Vendors

To ensure high quality products are supplied to meet the requirements of safety related nuclear applications, Lakeside maintains a N299 quality assurance program. While this was initially done for the nuclear industry, it has led to quality improvements that benefit our entire organization and



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customers in other industries. As a result of this Canadian QA program, Lakeside has increased staffing levels in our Compliance teams. Ontario Power Generation's safety and quality focus has led directly to increased headcount to ensure compliance. Canada's unique N299 QA program also means that if a Darlington New Nuclear Project is approved, a high proportion of the work will be done within Canada.

III. Positive Impact on Employment and Canadian Nuclear Manufacturing Advantage

To support the needs of Ontario Power Generation and the Canadian nuclear industry, Lakeside employs a team of over 35 employees dedicated specifically to nuclear engineering, quality assurance, and project management focus. This headcount does not include an additional Hamilton, Ontario service centre that Lakeside has recently opened to – in part – increase services capability in the nuclear industry.

Additionally, with our partner company Emerson, Lakeside supports the operation of a nuclear valve manufacturing centre of excellence in Hamilton. This facility manufactures many of nuclear class control valves installed in CANDU nuclear power plants globally. The continuing interaction with Ontario Power Generation is a key factor in maintaining the expertise that is part of the advantage possessed by Canada in the nuclear manufacturing sector. The approval of a Darlington New Nuclear Project will likely result in additional investments being made at the Hamilton facilities of both Lakeside and Emerson in order to support additional nuclear work.

Yours truly,
Lakeside Process Controls Ltd.

A handwritten signature in blue ink, appearing to read 'Greg Houston'.

Greg Houston, P.Eng
President

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A Member of the Emerson Impact Partner Network