



**Written submission from
Bird Construction**

**Mémoire de
Bird Construction**

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

Bird Construction
5700 Explorer Drive, Suite 400, Mississauga, ON L4W 0C6
Tel 905.602.4122
www.bird.ca



Canadian Nuclear Safety Commission
280 Slater St
PO Box 1046 Stn B
Ottawa ON K1P 5S9

An integral component of Canada's energy transition strategy is the expansion of nuclear capacity and technology. Bird is supportive of OPG's commitment to increasing safe, reliable, and low-cost power through the construction of the first of four General Electric Hitachi (GEH) BWRX-300 units and ancillary facilities at the Darlington New Nuclear Project (DNNP).

With a proven track record of successfully executing projects for tier one energy and power clients, Bird has secured its place as a preferred and trusted partner in key markets within clean power generation. It is this track record and our alignment to OPG's stringent safety, quality, and environmental standards, that has been at the core of Bird and OPG's long-term partnership. Our alignment to deep-rooted commitments operational excellence, including Diversity, Equity and Inclusion and proactive Indigenous engagement, have been critical to the success of a diverse-mix of nuclear and nuclear-related projects, which are supporting Canada's energy transition strategy.

Bird also shares OPG's dedication to collaboration and has entrenched a culture of continuous learning and improvement across every level of the organization. This results in comprehensive quality management programs to ensure operational excellence through open and transparent communication, stringent work controls, coordinated quality inspections, meticulous work planning, and integrated safety analyses on all OPG and Bird projects. This commitment to quality is reinforced by continuous surveillance and the timely resolution of issues to ensure that we uphold the highest standards of quality in every project, ultimately resulting in safe, reliable and affordable power for Ontarians, while also supporting Canada's decarbonization journey.

I reiterate my support both personally, and on behalf of Bird, for the construction of the first of four GEH BWRX-300 units and ancillary facilities at the DNNP. OPG's commitment to safe and sustainable design and construction standards for themselves and for their partners is apparent throughout their work programs that drive climate-resilient electrification infrastructure.

Yours sincerely,
Bird Construction Inc.

A handwritten signature in blue ink, appearing to read "Gilles Royer".

Gilles Royer
Chief Operating Officer

Bird Construction
5700 Explorer Drive, Suite 400, Mississauga, ON L4W 0C6
Tel 905.602.4122
www.bird.ca



Canadian Nuclear Safety Commission
280 Slater St
PO Box 1046 Stn B
Ottawa ON K1P 5S9

As a representative of Bird Construction, I am expressing my support for the construction of the first of four GEH BWRX-300 units and ancillary facilities at the DNNP. Bird has worked with Ontario Power Generation (OPG) directly for nearly a decade and has built strong and trusting relationship to support the safe and sustainable execution of its construction work program.

I have seen firsthand the dedication to designing and building energy infrastructure in a manner that promotes safe and high-quality execution and engages diverse perspectives, including local and Indigenous communities. OPG has encouraged us to approach our projects with them in a way that promotes Diversity, Equity and Inclusion of workers and throughout our supply chain, resulting in strategic partnerships that ultimately benefit Ontarians through the improvement of sustainable, reliable power options.

Bird has worked with OPG on nuclear projects, including the recently completed demineralized water treatment plant and Storage Building 3 at the Darlington site. We have also contributed to hydroelectric initiatives that include maintenance as well as full scale design-build refurbishments. Our team has learned from OPG and its counterparts in the industry about Human Organizational Performance and High Energy Control Assessments that have been incorporated into our Health, Safety and Environment programs to improve our overall performance and execution.

Like OPG, we are committed to finding opportunities to build capacity and interest in skilled trades through support of programs like Canadian Welding Bureau Foundation's Mind Over Metal camps. Nuclear construction, under the guidance of organizations like OPG, offer fulfilling and meaningful careers for skilled trades workers and other professionals, and Bird is proud to contribute to the success of the industry.

The collaboration that we have achieved has promoted a culture of transparency and trust, which is integral to the industry's collective success to support Canada's energy transition and achieve Net Zero by 2050. OPG has actively encouraged us to elevate our Health, Safety and Environmental Program and Nuclear Quality Management systems to ensure that the construction industry has the capacity and systems to support energy infrastructure growth for a more sustainable future.

Your sincerely,
Bird Construction Inc.

A handwritten signature in blue ink, appearing to read "Matt Cronin", with a small number "5" written at the end of the signature.

Matt Cronin
Senior Vice President

Bird Construction
5700 Explorer Drive, Suite 400, Mississauga, ON L4W 0C6
Tel 905.602.4122
www.bird.ca



Canadian Nuclear Safety Commission
280 Slater St
PO Box 1046 Stn B
Ottawa ON K1P 5S9

As a trusted Canadian construction partner, Bird is committed to executing the vision put forth by OPG to achieve sustainable and reliable energy infrastructure. Bird's expanding role in supporting Canada's energy transition, including the construction of climate-resilient electrification forms a key part of the Company's strategic vision. Nuclear power, including SMR technology, is a critical component of Canada's decarbonization strategy as industry and government work together to create a clean energy system to support Canada's 2050 net zero goals and maintain a strong domestic nuclear industry.

Bird's experience on nuclear construction projects includes work with OPG at the Darlington site and that experience has helped us evolve our approach to our nuclear portfolio. As design and construction technologies have progress, Bird has work with clients like OPG to develop integrated design-construction methodologies that improve design quality, field work efficiencies, reduce total project capital cost, and optimize schedules.

The importance of collaborative and respectful engagement with Indigenous communities across Canada is a shared value between OPG and Bird, as outlined in our respective Indigenous engagement policies and programs. Bird's Silver Certification from Partnership Accreditation in Indigenous Relations (PAIR) is one of the many ways in which we demonstrate our commitment to working closely with Indigenous communities to promote economic opportunities and reconciliation.

OPG and Bird are aligned on the fundamental requirements for success in an endeavour of this importance to our national energy future: a safety-first approach that maintains high standards of quality and operational excellence in the execution of complex and innovative projects through collaboration. As such, I am expressing my support for the construction of the first of four GEH BWRX-300 units and ancillary facilities at the DNNP.

Yours sincerely,
Bird Construction Inc.

A handwritten signature in blue ink, appearing to read "T. McKibbin", with a stylized flourish at the end.

Terrance L. McKibbin
President and Chief Executive Officer