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**Written submission from
NB Power**

Mémoire d'Énergie NB

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



Point Lepreau Nuclear Generating Station
PO Box 600, Lepreau, NB
E5J 2S6

TU 06374

November 4, 2024

Ms. Candace Salmon, Commission Registry
Canadian Nuclear Safety Commission
280 Slater St
PO Box 1046 Station B
Ottawa ON K1P 5S9

Dear Ms. Salmon:

Subject: Support for the Darlington New Nuclear Project Licence to Construct

NB Power is an electricity company based in New Brunswick with a diverse generation mix, which includes baseload nuclear power generation. Our 2,600 employees are dedicated to providing clean, reliable power to families, businesses, hospitals and schools across our province and neighboring regions.

The purpose of this letter is to express our support to Ontario Power Generation (OPG) in their application for the Darlington New Nuclear Project's (DNNP) Power Reactor Licence to Construct (LTC) of GE Hitachi's BWRX-300.

The New Nuclear Project is a key part of OPG's diverse generation mix. This project ensures reliable, baseload nuclear power remains an important part of Ontario's low-carbon energy supply, which in turn supports Provincial and National goals to combat climate change.

The BWRX-300 is the tenth generation of GE Hitachi's boiling water reactor (BWR) design, which is detailed by technology that is safe to operate and efficient to construct and maintain. This reactor technology has demonstrated its safety in several nuclear facilities worldwide. With an electrical output of approximately 300 megawatts, it can greatly contribute to the New Nuclear initiative.

OPG can safely advance the next generation of nuclear power as outlined in their application, given its decades of demonstrated safe operation of nuclear facilities, project management success and a strong nuclear supply chain. All while ensuring the environmental protection, the health and safety of their employees and the public.

OPG has demonstrated its commitment to undergo regular and transparent public communications and engages in a variety of public and stakeholder consultations designed to increase public and stakeholder knowledge. In addition, OPG is a proud member of the local community, has an active community sponsorship program and encourages and supports its employees in community engagements.

OPG, along with the entire nuclear industry, will ensure that nuclear safety is upheld to protect the public, personnel and the environment. We trust ongoing engagement and communications with Indigenous groups and the community will continue through the duration of the project.

Thank you for your time and attention to this important development for OPG and the nuclear industry in advancing Ontario's clean energy future.

If you require additional information, please contact Jason Nouwens at 506-659-6687 or by email at JNouwens@nbpower.com.

Sincerely,

Steve Bagshaw Digitally signed by Steve Bagshaw
Date: 2024.11.01 14:56:50 -03'00'

Steven Bagshaw
Site Vice President

SB/JN

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Steven Bagshaw, Jason Nouwens, Nick Reicker, Scott Demmons, Amanda Gardner,
Alex Bardsley, Kathleen Duguay (NBP)