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**Written submission from
Énergie NB Power**

**Mémoire d'
Énergie NB Power**

In the Matter of the

À l'égard de

Darlington New Nuclear Project

**Projet de nouvelle centrale nucléaire de
Darlington**

Application to renew the nuclear power
reactor site preparation licence for the
Darlington New Nuclear Project

Demande de renouvellement du permis de
préparation de l'emplacement d'une centrale
nucléaire pour le projet de nouvelle centrale
nucléaire de Darlington

Commission Public Hearing

Audience publique de la Commission

June 10, 2021

10 juin 2021

April 28, 2021

Mr. M Leblanc, Commission Secretariat
Canadian Nuclear Safety Commission
280 Slater Street P.O. Box 1046
Station B Ottawa ON
K1P 5S9

Dear Mr. LeBlanc,

Subject: Support for the Renewal of the Darlington New Nuclear Project (DNNP)

NB Power would like to intervene in writing to the Canadian Nuclear Safety Commission to express our support for Darlington New Nuclear in their proposal for a renewal of the Darlington New Nuclear Project (DNNP) Power Reactor Site Preparation Licence (PRSL) for a 10 year period.

New Nuclear is a key part of OPG's Climate Change Action Plan and company-wide target to achieve net-zero carbon emissions by 2040, which in turn supports Provincial and National goals to combat climate change. New nuclear ensures reliable, baseload nuclear power remains an important part of Ontario's low-carbon energy mix, complementing the use of renewable energy sources which can be intermittent in their ability to supply energy.

OPG has the capability to lead the construction and operation of a new nuclear generation facility given its history of more than 50 years of demonstrated safe operation of nuclear facilities and project management success.

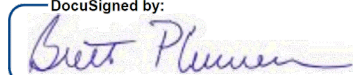
OPG has demonstrated its commitment to undergo regular, open and transparent public communication and undertakes a variety of public and stakeholder consultations designed to increase public and stakeholder understanding. In addition, OPG is a proud member of the local community, has an active community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

OPG has fulfilled their requirements of the current PRSL since 2012. They have reviewed the Darlington New Nuclear Plant (DNNP) site evaluation and site preparation licence application against regulatory requirements, current codes and standards and site baseline data. While some changes were identified, their impacts are not significant and do not alter the conclusion regarding the suitability of the DNNP. The site remains suitable for new nuclear generation and the activities identified under the site preparation licence do not pose any unreasonable risk to the public, plant staff or the environment.

We believe OPG is qualified to carry on the activities identified in the licence and in doing so will make adequate provision for the health and safety of persons, protection of the environment and the maintenance of national security and measures required to implement international obligations to which Canada has agreed.

If you require additional information, please contact Rick Gauthier at 506-651-3286 or rgauthier@nbpower.com.

Sincerely,

DocuSigned by:

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Brett Plummer

Vice President Nuclear and Chief Nuclear Officer

BP/RG

cc: Louise Levert, Anupama Bulkan, Interventions (CNSC)
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Andy Hayward, Claire Harris, Jason Nouwens, Nick Reicker, Amanda Gardner (NBP)