



CMD 25-H2.43

Date: 2025-05-08

**Written Submission from the
Ontario Tech University**

**Mémoire de l'
Ontario Tech University**

In the matter of the

À l'égard d'

Ontario Power Generation Inc.

Application to renew power reactor
operating licence for the Darlington
Nuclear Generating Station

Ontario Power Generation Inc.

Demande concernant le renouvellement
du permis d'exploitation d'un réacteur de
puissance pour la centrale nucléaire de
Darlington

**Commission Public Hearing
Part-2**

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

June 24-26, 2025

24-26 juin 2025



To: Canadian Nuclear Safety Commission
280 Slater Street
P.O. Box 1046, Station B
Ottawa, ON K1P 5S9

RE: OPG Darlington Licence Renewal Application

Written submission from Ontario Tech University in the Matter of: Ontario Power Generation Inc. application to renew the power reactor operating licence for the Darlington Nuclear Generating Station

Dear Commission Members,

As Vice President of Research and Innovation at Ontario Tech University, I am pleased to submit this letter of support regarding the application by Ontario Power Generation (OPG) to renew the power reactor operating licence for the Darlington Nuclear Generating Station (DNGS).

Ontario Tech University, Canada's leading institution in nuclear education and research, has long-standing academic and research collaborations with OPG and other members of the nuclear energy ecosystem. Our university is home to the country's only accredited undergraduate nuclear engineering program, complemented by graduate and interdisciplinary research activities that span safety, reactor innovation, cybersecurity, and energy systems integration. We are proud to be Canada's only designated Collaborating Centre for the International Atomic Energy Agency (IAEA) since 2021, which further highlights our leadership in nuclear research and international cooperation.

The Darlington Nuclear Generating Station has played a central role in supporting Ontario's clean energy portfolio. Our researchers and students have benefitted significantly from proximity to DNGS—participating in cooperative education programs, applied research, and workforce development partnerships with OPG and its suppliers. These collaborations are vital for cultivating the next generation of highly qualified personnel (HQP) and advancing nuclear knowledge that underpins safety, reliability, and sustainability in reactor operations.

We recognize OPG's proven record in operational excellence, environmental stewardship, and community engagement. The renewal of the Darlington licence will ensure continuity of low-carbon electricity generation, support provincial electrification goals, and maintain Ontario's leadership in nuclear innovation.

We respectfully request that the Commission give strong consideration to this application. We are confident in OPG's ability to continue operating the Darlington facility in a manner consistent with the highest standards of safety and responsibility.

Sincerely,

A handwritten signature in black ink, appearing to read 'Les Jacobs'.

Dr. Les Jacobs
Vice President, Research and Innovation
Director, International Atomic Energy Agency Collaborating Centre
Ontario Tech University
Les.Jacobs@ontariotechu.ca