



**Written Submission from  
AECOM Canada Nuclear  
Services, Inc.**

**Mémoire de  
AECOM Canada Nuclear  
Services, Inc.**

In the matter of the

À l'égard d'

**Ontario Power Generation Inc.**

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

**Ontario Power Generation Inc.**

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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



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Canadian Nuclear Safety Commission  
Headquarters  
280 Slater Street  
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May 8<sup>th</sup>, 2025

Dear Mr. Pierre Tremblay,

**Subject:** Ontario Power Generation's application for a 30-year extension to the Darlington NGS License to Operate

On behalf of AECOM Canada Nuclear Services Inc., we are writing to express our support for Ontario Power Generation's (OPG) application to renew the Power Reactor Operating License for the Darlington Nuclear Generating Station (DNGS) for a 30-year term, extending from December 1, 2025, to November 30, 2055.

AECOM has long collaborated with nuclear operators across Canada and internationally, providing engineering, environmental, and infrastructure support to ensure safe, sustainable, and efficient energy systems. Our experience has consistently reinforced the strength of the Canadian nuclear regulatory framework and the proven capabilities of operators like OPG.

DNGS is widely recognized as one of the top-performing nuclear facilities globally. With over three decades of safe and reliable operation, DNGS contributes nearly 20% of Ontario's electricity needs and remains a cornerstone of its clean energy future. The recently completed \$12.8-billion refurbishment project is among Canada's most significant clean energy undertakings and positions the station to continue delivering safe, zero-emissions power through 2055.

We recognize the value of a longer license term in providing planning stability and reflecting the maturity of Canada's regulatory oversight, which includes rigorous ongoing compliance monitoring independent of license length.

We commend OPG's commitment to safety, environmental stewardship—including Gold-level Wildlife Habitat Council certification—and continuous improvement. These qualities, combined with the robust design of CANDU technology and the extensive refurbishment efforts, provide confidence that DNGS will remain a safe and reliable asset for Ontario for decades to come.

We respectfully recommend that the Commission grant OPG's request for a 30-year license renewal. We remain available should any additional technical perspective from the infrastructure and engineering community be of assistance to the Commission.

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