



VIA EMAIL

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e-Doc 7407419 (PDF)

November 18, 2024

Sara Irvine
Vice President, Nuclear Regulatory Affairs
Ontario Power Generation Inc.
889 Brock Road
Pickering, ON L9L 1B6

Re: Commission Expectations for Part 2 of the Hearing on OPG's Application for a Licence to Construct one BWRX-300 Reactor for the Darlington New Nuclear Project

Dear Sara Irvine,

The purpose of this letter is to inform Ontario Power Generation Inc. (OPG) of the Canadian Nuclear Safety Commission's expectations for Part 2 of the hearing on OPG's application for a licence to construct one BWRX-300 reactor for the Darlington New Nuclear Project (DNNP). Part 2 of the hearing is scheduled in [January 2025](#).¹

INSTRUCTION

With respect to Part 2 of the hearing, the Commission expects to receive a detailed presentation from OPG that includes the following information:

- a high-level description of how the BWRX-300 design works and why its construction would not create unreasonable risk
- a diagram or dashboard to visually communicate in a plain manner to all the safety of the BWRX-300 reactor design and design features

¹ *Notice of Public Hearing 2024-H-03*, CNSC, June 27, 2024.

- a detailed project timeline including details of the successive stages of the design process, and information on when the final design will be complete
- a timeline for DNNP staff training
- detailed information on OPG's readiness to conduct this large-scale construction project, including specific lessons learned from recent international reactor construction projects

The above information should be given and explained in plain language for the benefit of hearing participants and observers.

DEADLINE

OPG's presentation slide deck is due to the Commission Registry on December 12, 2024. OPG is expected to inform the Commission Registry of any concerns respecting this deadline within five working days of receiving this instruction.

On behalf of the Commission,

Salmon,
Candace
Candace Salmon

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cc. Sevana Bedrossian, Senior Manager, Regulatory Affairs – DNNP Licensing, OPG
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