

OPG PROPRIETARY

December 12, 2022

CD# P-CORR-00531-23091

MR. R. RICHARDSON

Acting Director
Pickering Regulatory Program Division

Canadian Nuclear Safety Commission
280 Slater Street
Ottawa, Ontario
K1P 5S9

Dear Mr. Richardson,

**Intent to Seek CNSC Authorization to Operate Pickering NGS Units 5-8 Beyond
December 31, 2024 to September 30, 2026**

The purpose of this letter is to inform the CNSC of OPG's intent to seek Commission authorization to operate Pickering NGS Units 5-8 beyond December 31, 2024 and to provide the final end of commercial operation dates of all Pickering units as committed in Reference 1.

This letter supersedes the information previously provided in Reference 2 and acknowledged by the CNSC in Reference 3.

OPG recognizes the regulatory requirements and expectations regarding the operation of Pickering NGS beyond December 31, 2024, as operation of any Pickering NGS reactor unit beyond December 31, 2024, constitutes a change in Pickering's licensing basis and will require Commission authorization. OPG has previously requested an extension to the requirements for the notification of continued operation pursuant to licence conditions 15.1 and 15.4 of PROL 48.01/2028 (Reference 1). A hearing in writing was held by the Commission and the request was granted in Reference 4.


OPG intends to seek Commission authorization to operate Pickering NGS to the dates provided in Attachment 1.

In anticipation of our submissions in compliance with the licence conditions 15.1 and 15.4, the submission of the reassessment of the Periodic Safety Review will consider operation of the Pickering NGS Units 5-8 until September 30, 2026. Furthermore, other routine documents and submissions such as major component life cycle management

plans and fitness for service assessments will start considering operation through September 30, 2026, recognizing the change in Pickering's licensing basis is pending Commission authorization. This will prevent rework and resubmission of these items while OPG awaits Commission authorization for operation beyond December 31, 2024.

The updated *Pickering Site Strategic Plan* (SSP) (Reference 5) includes the revised end of commercial operation dates of each Pickering operating reactor units. The SSP also recognizes the need for Commission approval for operation beyond December 31, 2024.

If you have any questions, please contact Soo Chae, Manager, Pickering Regulatory Affairs at soo.chae@opg.com or 647-544-1074.



Jon Franke
Senior Vice President
Pickering Nuclear

cc: CNSC Pickering Regulatory Program Division
CNSC Records Office

References:

1. OPG Letter, J. Franke to D. Saumure, "Pickering NGS – Request to Extend Deadline under PROL 48.01/2028 Licence Conditions 15.1 and 15.4 Related to the End of Commercial Operation", October 5, 2022, CD# P-CORR-00531-23042.
2. OPG Letter, J. Franke to K. Campbell, "Pickering NGS – Intent to Pursue CNSC Authorization for Operation of Pickering Units 5-8 through December 2025", December 16, 2021, CD# P-CORR-00531-22820.
3. CNSC Letter, K. Campbell to J. Franke, "Pickering NGS – OPG Notification of Intent to Pursue CNSC Authorization for Operation of Pickering Units 5-8 through December 2025", December 23, 2021, e-Doc 6704703, CD# P-CORR-00531-22837.
4. CNSC Record of Decision, "Application to Extend Deadline under PROL 48.01/2028 Licence Conditions 15.1 and 15.4 Related to the End of Commercial Operations for the Pickering Nuclear Generating Station", November 24, 2022, e-Doc 6923859, CD# P-CORR-00531-23101.

5. OPG Email, J.Forte to R. Richardson, "Pickering NGS - CNSC Staff's Written Notification of Document Change: P-PLAN-09314-00003, Pickering Site Strategic Plan, Revision 001", November 28, 2022, CD# P-CORR-00531-23092.

Attachment:

1. "Pickering Nuclear Generating Station End of Commercial Operation Dates".

Attachment 1 (Page 1 of 1) to OPG Letter, J. Franke to R. Richardson, "Intent to Seek CNSC Authorization to Operate Pickering NGS Units 5-8 Beyond December 31, 2024 to September 30, 2026", CD# P-CORR-00531-23091.

Attachment 1

Pickering Nuclear Generating Station End of Commercial Operation Dates

Pickering Nuclear Generating Station	End of Commercial Operation
Unit 1	December 31, 2024
Unit 2	Currently in Safe Storage
Unit 3	Currently in Safe Storage
Unit 4	December 31, 2024
Unit 5	September 30, 2026
Unit 6	September 30, 2026
Unit 7	September 30, 2026
Unit 8	September 30, 2026