



**Supplementary Information from
Ontario Power Generation Inc.**

**Renseignements supplémentaires
d'Ontario Power Generation Inc.**

In the Matter of the

À l'égard d'

Ontario Power Generation Inc.

Ontario Power Generation Inc.

Application for a licence to construct one BWRX-300 reactor at the Darlington New Nuclear Project Site (DNNP)

Demande visant à construire 1 réacteur BWRX-300 sur le site du projet de nouvelle centrale nucléaire de Darlington (PNCND)

**Commission Public Hearing
Part-2**

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

January 2025

Janvier 2025

OPG Proprietary

November 13, 2024

CD# NK054-CORR-00531-11136

Ms. CANDACE SALMON
Commission RegistrarCanadian Nuclear Safety Commission
280 Slater Street
Ottawa, ON
K1P 5S9

Dear Ms. Salmon:

CNSC Notification that Darlington New Nuclear Project (DNNP) Low & Intermediate Level Waste (L&ILW) will not be stored in the Traditional Territory of the Saugeen Ojibway Nation

- Reference:
1. Written Submissions of the Saugeen Ojibway Nation – Darlington New Nuclear Power Project pre-licensing consultation. April 3, 2023
 2. CMD 24-H2.22 “Written Submissions of the Saugeen Ojibway Nation: Applicability of Darlington New Nuclear Project Environmental Assessment and Plant Parameter Envelope to the BWRX-300.” E-DOC 7170607 November 20, 2023.

The purpose of this letter is to notify CNSC of OPG’s decision regarding the storage of Darlington New Nuclear Project (DNNP) Low & Intermediate Level Waste (L&ILW).

Consistent with the accepted Environmental Assessment, the two options for the storage of the DNNP L&ILW were:

- Construction of on-site licensed interim storage structures at Darlington; and
- Off-site transportation to a licensed facility.

Consistent with the Environmental Assessment and, after consideration of both options, OPG is not actively pursuing the option of interim storage of L&ILW generated by the project at OPG’s Western Waste Management Facility (WWMF) located within the traditional territory of the Saugeen Ojibway Nation (SON).

OPG understands and respects the SON's request to not store DNNP L&ILW in their traditional territory. SON has expressed this through various discussions. In addition, SON has publicly shared written views such as their letter to the CNSC related to the CNSC's pre-licensing consultation on OPG's DNNP (Ref 1), and SON's written intervention for OPG's 2024 DNNP EA and Plant Parameter, dated Nov 20, 2023 (Ref 2). It is noteworthy that the SON affirmed in Reference 1 that the CNSC licensing process does not require proponents to address questions related to waste management, storage and disposal at the Licence to Construct phase.

OPG appreciates SON providing their thoughtful feedback and sharing their concerns about the management, storage and disposal of nuclear waste for the Darlington New Nuclear Project. As OPG progresses with the DNNP Licence To Construct application, OPG will continue to advance the DNNP waste management plan in anticipation of our Licence to Operate phase. The DNNP waste management strategy will not include interim storage of DNNP L&ILW waste at OPG's WWMF and will not proceed with any course of action without all regulatory authorizations to do so.

As we look forward toward the process of seeking the next phases of the DNNP authorizations, OPG commits to continuing to share information with the SON with respect to DNNP as they have expressed an interest in understanding the project. As always, OPG remains committed to sharing information related to nuclear waste that may impact the SON.

Should you have any questions or require additional information, please contact Ms. Sevana Bedrossian, Senior Manager, Regulatory Affairs – DNNP Licensing at (416)-716-3879 or by email at sevana.bedrossian@opg.com.

Sincerely,



Mark R. Knutson, P.Eng.
Senior Vice President
Chief Enterprise Engineer and Chief Nuclear Engineer
Ontario Power Generation Inc.

Att. & Enc.

cc:	S. Eaton	- CNSC (Ottawa)
	R. Jammal	- CNSC (Ottawa)
	M. Broeders	- CNSC (Ottawa)
	B. Rzentkowski	- CNSC (Ottawa)
	D. Ouellette	- CNSC (Ottawa)
	N. Simon	- CNSC (Ottawa)
	A. Asongtia	- CNSC (Ottawa)

M. Naraine	- CNSC (Ottawa)
A. Tanase	- CNSC (Ottawa)
K. Fice	- CNSC (Ottawa)
Y. Sheik Mamode	- CNSC (Ottawa)
DNNP Mailbox	- CNSC (dnnp-npnd@cnscccsn.gc.ca)

Summary of Regulatory Commitments, Regulatory Obligations and Regulatory Management Actions Made/Concurrence Requested

CD# NK054-CORR-00531-11136

Submission Title: **CNSC Notification that DNNP Low & Intermediate Level Waste will not be stored in the Traditional Territory of the Saugeen Ojibway Nation.**

Regulatory Commitments (REGC):

No.	Description	Date to be Completed
	None	

Regulatory Management Action (REGM):

No.	Description	Date to be Completed
	None	

Regulatory Obligation Action (REGO):

No.	Description	Date to be Completed
	None	

Concurrence Requested: None