



CMD 25-H100-Q

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**Commission Request for
Information Regarding a Hearing in
Writing (CMD-Q)**

**Demande d'information de la Commission
– Audience par écrit (CMD-Q)**

In the matter of

À l'égard de

Ontario Power Generation

Ontario Power Generation

Application to amend the Darlington
Nuclear Generating Station power reactor
operating licence to allow production of
additional medical isotopes

Demande visant à modifier le permis
d'exploitation d'un réacteur de puissance pour la
centrale nucléaire de Darlington en vue d'obtenir
l'autorisation de produire des isotopes médicaux
supplémentaires

Public Hearing in Writing

Audience publique par écrit

Spring 2025

Printemps 2025



INTRODUCTION

The Commission, in conducting a public Hearing in Writing^{1,2} to consider an application from Ontario Power Generation (OPG) to amend the Darlington Nuclear Generating Station Power Reactor Operating Licence (PROL 13.04/2025) to authorize the production of additional isotopes using the Target Delivery System (TDS), has reviewed the written submissions provided by OPG in its [application](#) and [application update](#), and by CNSC staff in Commission Member Document (CMD) [CMD 25-H100](#). The Commission has also reviewed written submissions from 7 intervenors. The Commission requires additional information with respect to the questions set out below.

QUESTIONS

The Commission’s questions for are set out below:

Table 1: CMD 24-H100-Q Questions for OPG

#	Questions for OPG
1.	Provide additional information on the TDS operating procedures and how workers will interface with the system. What additional considerations have been made for the production of Lu-177 and Y-90? What contingencies have been built into the procedures to address malfunctions (e.g. a mechanical failure within the TDS that may require manual intervention or handling) and to protect workers?

Table 2: CMD 24-H100-Q Questions for CNSC staff

#	Questions for CNSC staff
1.	Provide CNSC staff’s perspective in response to the request from the Mississaugas of Scugog Island First Nation regarding removal of the proposed regulatory hold point.
2.	Explain how CNSC staff would inform Indigenous Nations and communities and the public about the release of the regulatory hold point proposed by staff?
3.	What is the status of the open inspection finding against OPG concerning the oversight of contractors and the use of Laurentis Energy Partners as a contractor to support isotope-related activities? Does CNSC staff have any concerns regarding OPG’s management of contractors for this project?

¹ [Notice of Hearing in Writing and Participant Funding](#), 2025-H-100, September 9, 2024.

² [Revised Notice of Hearing in Writing](#), 2025-H-100 Revision 1, February 14, 2025.



REQUEST

Responses are to be made by way of a supplemental CMD **on or before 2025-04-11 at 2:00 pm EST**. Respondents should inform the Registry of any concerns about this deadline within five working days of receiving this CMD-Q.

Signed on behalf of the Commission:

X

Commission Registrar