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Darlington Community Advisory Council

January 2024- Darlington Relicensing

Craig Axler – Director, Regulatory Affairs Programs



Today's Agenda

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Background

- Darlington Nuclear Generating Station has a Power Reactor Operating Licence (PROL) issued by the Canadian Nuclear Safety Commission (CNSC) to operate the station. The current PROL expires on 30-Nov-2025.
- OPG has begun working on the relicensing process with a wide range of stakeholders. The licence application will include information on areas such as:
 - Engagement with Indigenous Nations
 - Environmental Assessment (EA)
 - Nuclear waste management
 - Improvement plans and significant future activities
 - Meeting/exceeding requirements of the Nuclear Safety and Control Act (NSCA) and the associated Regulations
 - Provisions to protect the health, safety and security of persons and the environment
- OPG plans to apply for a 30-year licence for Darlington NGS.



Why 30 Years?

- Darlington is recognized internationally as a top-performing nuclear station.
- OPG has more than five decades of experience operating nuclear stations in Ontario safely and reliably.
- The Darlington Refurbishment Project is replacing aging components with new equipment that will further improve our operating and safety capability.
- The concept of a 30-year licence is not new. Licences of this length are common in the international community for nuclear power plants.
- OPG welcomes input on how to structure reviews and consultation within a 30-year licence period.

Regulatory Process

All nuclear power plants require a licence from the CNSC. To be granted a licence, a facility must meet regulatory requirements grouped under 14 topics called safety and control areas.

To obtain a licence:

01

The nuclear power plant operator must provide the CNSC with a licence application that addresses all applicable regulatory requirements

02

CNSC reviews the application and associated materials and provides a recommendation to the Commission in the form of a Commission Member Document (CMD)

03

The Commission makes decisions on the licensing of major nuclear facilities through a public hearing process which give involved parties and members of the public an opportunity to be heard by the Commission.

04

Following the public hearing, the Commission decides on whether a licence should be issued

05

If a licence is granted, the applicant can operate the facility for the duration and under the conditions of its licence

Milestones

Licence Application
Due Date

May 30, 2024

March 26, 2025

CNSC Public
Hearing #1
(Ottawa or local site)

Deadline for
Interventions for
Hearing #2

May 8, 2025

June 24-25-26,
2025

CNSC Public
Hearing #2
(local site)

Commission Decision
Expected

September 2025

November 2025

Expiry of current
licence

Interventions

- Persons/Organizations who have an interest or expertise in this matter or information that may be useful to the Commission in coming to a decision, are invited to comment on OPG's application.
- Requests to intervene must be filed with the Commission Registry using the online request form (by May 8, 2025) (<https://www.nuclearsafety.gc.ca/eng/the-commission/intervention/>) or email to: interventions@cnsccsn.gc.ca
- The request to intervene, must include the following information:
 - a written submission of the comments to be presented to the Commission
 - a statement setting out whether the requester wishes to intervene by way of written submission only or by way of written submission and oral presentation
 - the requester's name, address, telephone number and email address

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