



Supplementary Information

Presentation from the Nuclear Transparency Project

In the Matter of the

Ontario Power Generation Inc. - Darlington Waste Management Facility

Application to Renew the Class IB Waste
Facility Operating Licence for Ontario Power
Generation in Darlington, Ontario

Commission Public Hearing

January 26, 2023

Renseignements supplémentaires

Présentation du Nuclear Transparency Project

À l'égard de

Ontario Power Generation Inc. - Installation de gestion des déchets de Darlington

Demande de renouvellement du permis
d'installation de déchets de catégorie IB pour
Ontario Power Generation à Darlington
(Ontario)

Audience publique de la Commission

26 janvier 2023



Submissions from the Nuclear Transparency Project

Re: Ontario Power Generation Inc. Application for renewal
of their Class IB Waste Facility Operating Licence for the
Darlington Waste Management Facility

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NTP Coordinator

CNSC Public Hearing – January 26, 2023



presentation roadmap

- About NTP
- Recommendation 1: OPG's use of sustainability language
- Recommendations 2 – 4, 8 – 16: environmental monitoring activities, results, and public communications
- Recommendation 5: concerns over requested licence length
- Recommendations 6 – 7: procedural matters



Recommendation 1: OPG's use of sustainability language

- Duty to avoid euphemisms, transparency required recognition of wastes
- Section 9(b) of the *Nuclear Safety and Control Act* notes the CNSC's objects (i.e. purposes) include
“to disseminate objective scientific, technical and regulatory information to the public concerning the activities of the Commission and the effects, on the environment and on the health and safety of persons, or the development, production, possession and use of nuclear energy and the production, possession, and use of nuclear substances]”.



Recommendations 2 – 4: improving data quality and public access to data

- Recommendation 2: sharing disaggregated data in machine-readable formats
- Recommendation 3: more transparency required for how OPG determines groundwater monitoring schedules
- Recommendation 4: more detailed event reporting



Recommendations 8 – 12: improving data quality and public access to data (groundwater)

- Recommendations 8 – 10: regular inclusion of Standard Deviation, Regression Analyses, and Normalized Means in public reports
- Recommendations 11 – 12: increasing monitoring parameters for groundwater sampling



Recommendations 13 – 16: improving data quality and public access to data (surface water)

- Recommendation 13: considering cations in receiving lake water
- Recommendations 14 – 15: increasing monitoring parameters for surface water sampling
- Recommendation 16: sampling improvements for local ponds and lake sediment



Recommendations 5: requested licence length

- Hearings and Transparency
- Hearings and public participation
- Civil society opposition to longer licence terms
- Changes to the Darlington site over the next decade



Recommendations 6 – 7: procedural matters

- Recommendation 6: recognizing multiple related Darlington licences*
- Recommendation 7: intervention timeframes*

* additional note re: PFP effective scoping for public hearings



Thank you.