



Supplementary Information

Renseignements supplémentaires

Oral Presentation

Exposé oral

Presentation from the Regional Municipality of Durham

Présentation de la municipalité régionale de Durham

In the Matter of

À l'égard de

**Ontario Power Generation Inc.,
Pickering Nuclear Generating Station**

**Ontario Power Generation Inc.,
centrale nucléaire de Pickering**

Request for a ten-year renewal of its Nuclear
Power Reactor Operating Licence for the
Pickering Nuclear Generating Station

Demande de renouvellement, pour une période
de dix ans, de son permis d'exploitation d'un
réacteur nucléaire de puissance à la centrale
nucléaire de Pickering

Commission Public Hearing – Part 2

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

June 2018

Juin 2018

Region of Durham Presentation to CNSC: Relicensing of Pickering Nuclear Generating Station

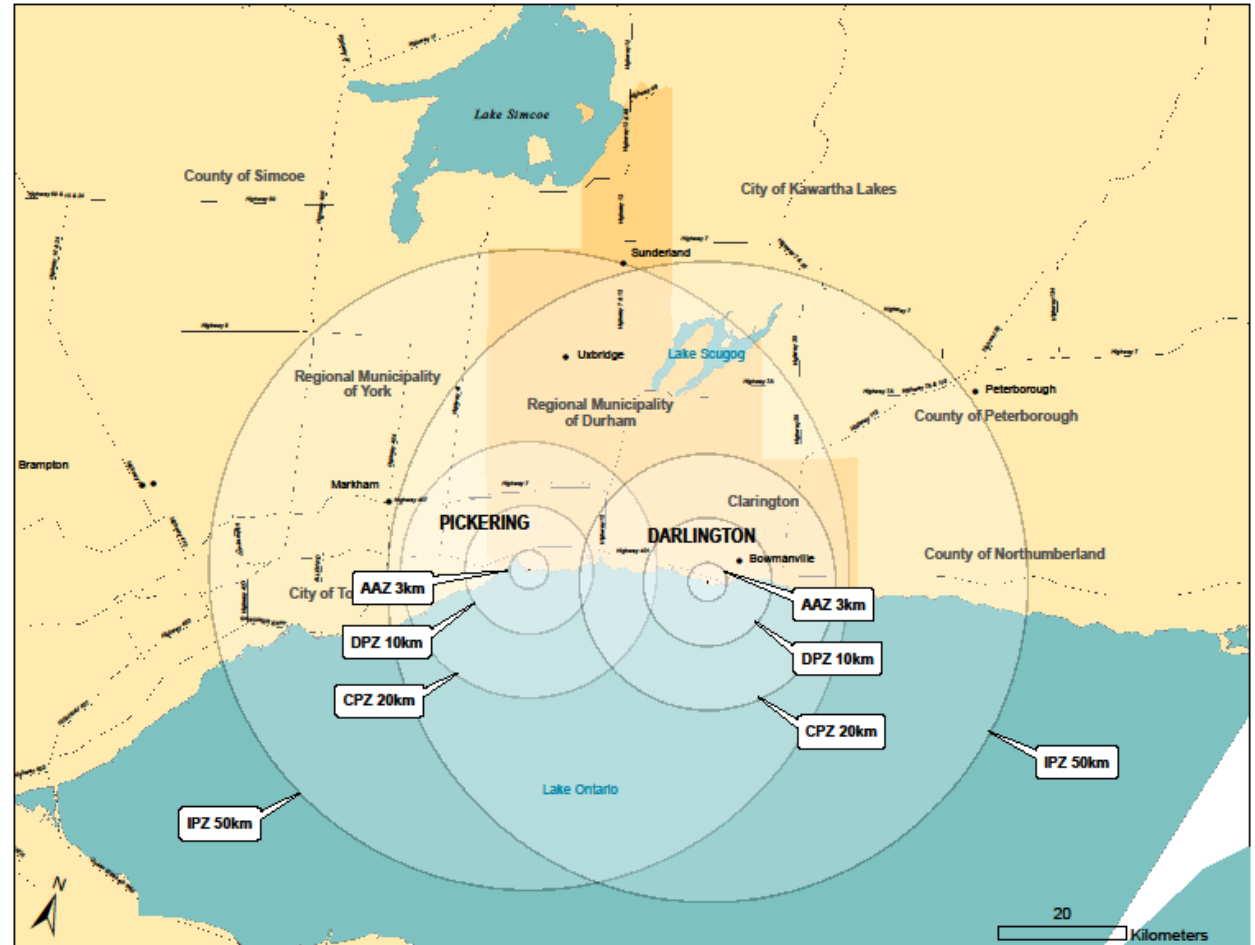
by G.H. Cubitt, CAO

June 28, 2018



Unique aspects of Durham Region

- Host community for two nuclear plants in urban areas
- OPG is our largest employer
- Key role in Provincial Nuclear Emergency Response Plan (PNERP) implementation
- 51% of Ontario's nuclear fuel waste stored here



Strong Relationship with OPG

- OPG/DEMO partnership on nuclear planning, exercises and response
- OPG/Health Department on potassium iodide (KI) pill distribution program
- OPG/DRPS on NextGen radio integration, security exercises
- Regional engagement via Durham Nuclear Health Committee, Pickering Community Advisory Council, Regional Council updates

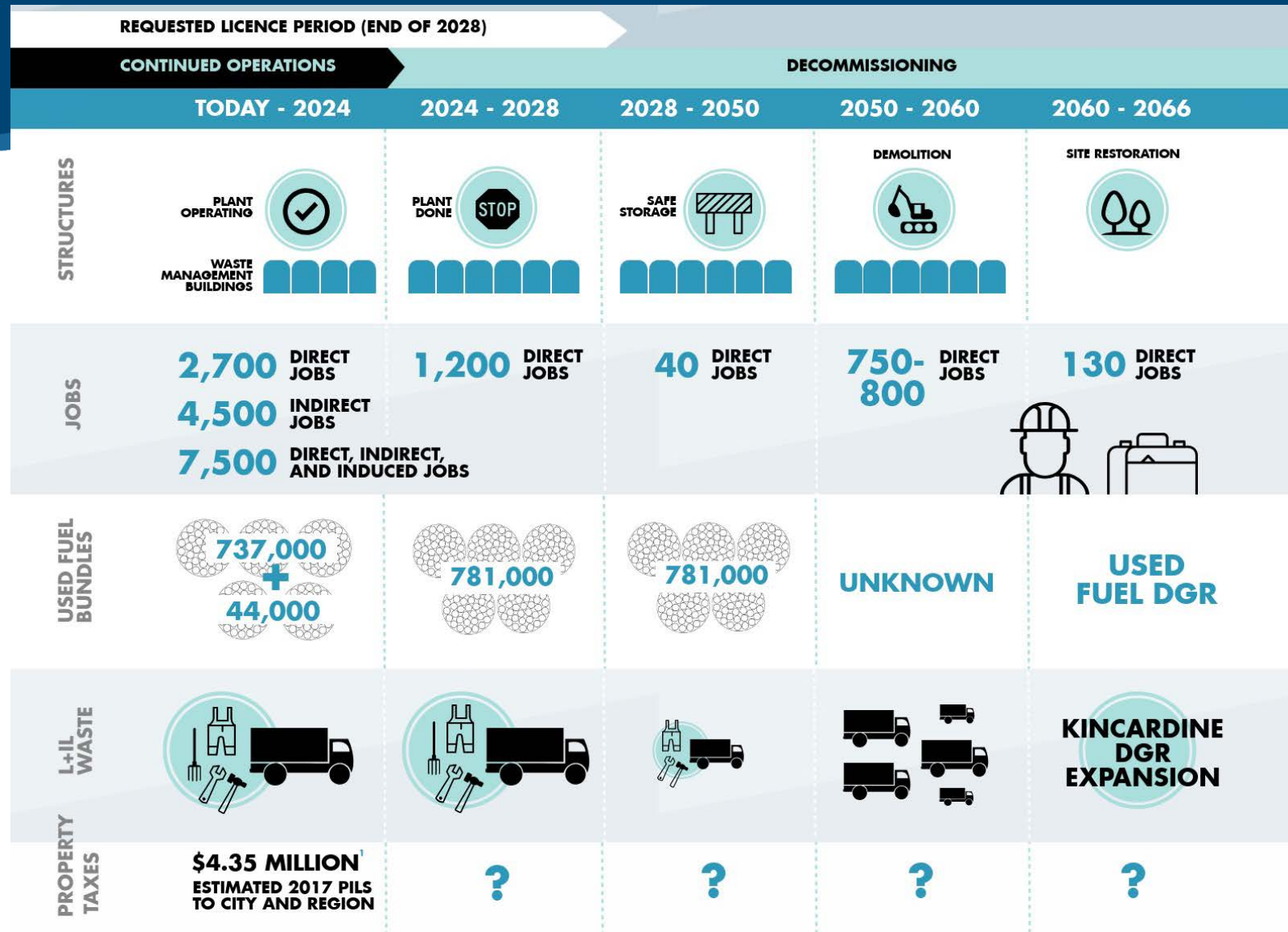


Benefits of PNGS license extension

- Supplies Ontario with low carbon electricity
- Maintains clean baseload supply during refurbishment at Darlington
- Allows Ontario to reduce greenhouse gas (GHG) emissions through electrification of the economy
- Large employer in Durham, fuels economic development
- OPG community contributions and environmental stewardship programs continue

Region supports continued safe operation of PNGS to 2024.

Planned Future of PNGS



Concerns during ongoing operations

Noted in Regional Council resolutions:

- Additional Regional costs to implement new PNERP
- Lack of transition plan for 1,500 workers at end of operations in 2024
- Cumulative impact of unfair property tax treatment
- Increasing storage of used fuel waste

Conditions of approval related to continued operations

We ask the CNSC to require that:

- OPG/Province fund additional Regional costs of revised PNERP
- OPG prepare and share a transition plan for displaced OPG workers
- OPG mitigate impact of storage of used fuel waste through a community benefits agreement
- Province eliminate the unfair property tax treatment of nuclear generating assets

Concerns during decommissioning phases

- Loss of additional 1,160 jobs at end of stabilization phase in 2028
- Unknown property tax and socio-economic impacts
- No clear plan for phased beneficial reuse of site
- Concern about length and impact of safe storage phase
- Increasing, indefinite nuclear waste storage (fuel, demolition waste)
 - Likely until 2060 at least

Conditions of approval related to decommissioning phases

Accordingly, we ask the CNSC to require that OPG:

- Provide the Region with data on environmental, infrastructure and socio-economic impacts of each phase of decommissioning, updated every 5 years
- Plan and commit to immediate and ongoing beneficial site reuse and final site restoration to provincial brownfield standards
- Engage the Region well in advance on the traffic and transportation impacts of each phase of decommissioning
- Forecast, mitigate and monitor emission impacts of decommissioning and site restoration

Additional requests

- That uncertainty re: removal of nuclear waste be mitigated through annual payments to the Region of Durham per unit of waste stored in the region (via the Financial Guarantee)
- That Durham Region be included as a key stakeholder for NWMO's planning for transportation of used fuel waste and related mitigation
- That the Region be engaged in decision-making on the EA/impact assessment process for decommissioning

Conclusion

- The Region's immediate concerns can be resolved through funding, data sharing, and regulatory change (PNERP, mitigation of socio-economic impacts, property tax fairness)
- Concerns about decommissioning must include community benefits agreement/compensation and detailed planning and study to support longer-term mitigation of Regional impacts

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