



**CMD 26-H7.36**

Date: 2026-08-12

**Written Submission from the  
Nuclear Waste Management  
Organization**

**Mémoire de la  
Société de gestion des déchets  
nucléaires**

In the matter of

À l'égard de

**Ontario Power Generation**

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Application to refurbish Pickering Nuclear  
Generating Station and to renew licences  
for the Pickering Nuclear Generating  
Station and Waste Management Facility

**Ontario Power Generation**

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Demande concernant la réfection de la  
centrale nucléaire de Pickering et le  
renouvellement de ses permis pour la  
centrale et l'installation de gestion des  
déchets

**Commission Public Hearing  
Part 2**

**Audience publique de la Commission  
Partie 2**

October 2026

Octobre 2026

August 12, 2026

File: NWMO-REG-00531-0245

Canadian Nuclear Safety Commission  
c/o Louise Levert, Secretariat  
280 Slater Street  
Ottawa, Ontario  
K1P 5S9

**Intervention in the Matter of OPG's application for the renewal of the licence for the Pickering Nuclear Generating Station**

The purpose of this letter is to support the renewal of OPG's licence for the Pickering Nuclear Generating Station.

In 2002, the Government of Canada enacted the *Nuclear Fuel Waste Act*. Pursuant to that Act, the Nuclear Waste Management Organization (NWMO) was created by the current owners of the nuclear fuel waste in Canada and was given the mandate to first develop and then implement a plan for the long-term management of Canada's used nuclear fuel. The NWMO is obliged by the *Nuclear Fuel Waste Act* to offer its services, without discrimination and at a fee that is reasonable in relation to its costs of managing the nuclear used fuel to all owners of nuclear fuel waste produced in Canada. Nuclear fuel waste includes the irradiated fuel bundles removed from any commercial or research nuclear fission reactor in Canada.

The NWMO studied a number of approaches for long-term management of Canada's used nuclear fuel and submitted its Final Study and recommendation of Adaptive Phased Management in November 2005. The recommendation was accepted by the Government of Canada in June 2007.

In 2024, following a community-led site selection process, the NWMO selected a site in northwest Ontario near the Township of Ignace in the traditional territory of Wabigoon Lake Ojibway Nation for the deep geological repository for Canada's used nuclear fuel, that met the safety criteria for the deep geological repository and has willing host communities.

In 2026, the NWMO entered the regulatory process for the Deep Geological Repository for Canada's Used Nuclear Fuel. The scope of the Project is to build a repository for approximately 5.9 million bundles of used nuclear fuel. This inventory includes the current and projected used fuel from Canada's current (and historical) nuclear reactors – which includes the Pickering Nuclear Generating Station. This inventory also contemplated the

planned refurbishment and life extension of these reactors. This process is completely independent of the OPG Pickering Nuclear Generating Station licence renewal process, as Canada's Policy for Radioactive Waste, the *Nuclear Fuel Waste Act* and the NWMO's mandate remains in place regardless of the outcome of any of these processes and the NWMO remains responsible for the used fuel disposal from the current Pickering Nuclear Generating Station.

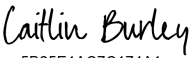
The NWMO is also exploring how to address intermediate-level waste and non-fuel high-level waste. The NWMO received the mandate for intermediate-level and non-fuel high-level radioactive waste following the Minister of Energy and Natural Resources' acceptance of Canada's Integrated Strategy for Radioactive Waste on October 5, 2023. The NWMO is developing a consent-based siting process for a deep geological repository to address this expanded mandate.

Deep geological repositories remain the technology of choice in all countries with an active used fuel management program and the radiological containment provided by the NWMO's deep geological repository will ensure that the public and the environment are protected.

In summary, the NWMO remains responsible for the long-term management of Canada's used nuclear fuel and intermediate-level waste, which would include those wastes from the Pickering Nuclear Generating Station.

Thank you for the opportunity to provide comments on this matter. The NWMO would be pleased to appear before the Commission at the licence renewal hearings if requested.

Sincerely,

Signed by:  
  
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2026-08-12 | 12:26 CDT

Caitlin Burley  
Vice President, Regulatory Approvals