



**CMD 25-H2.33A**

Date: 2025-06-10

## **Supplementary Information**

### **Presentation from the Nuclear Waste Management Organization**

In the matter of the

#### **Ontario Power Generation Inc.**

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Application to renew power reactor  
operating licence for the Darlington  
Nuclear Generating Station

#### **Commission Public Hearing Part-2**

June 24-26, 2025

## **Renseignements supplémentaires**

### **Présentation de la Société de gestion des déchets nucléaires**

À l'égard d'

#### **Ontario Power Generation Inc.**

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Demande concernant le renouvellement  
du permis d'exploitation d'un réacteur de  
puissance pour la centrale nucléaire de  
Darlington

#### **Audience publique de la Commission Partie-2**

24-26 juin 2025



# Intervention in the matter of OPG's application for the Renewal for the Darlington Nuclear Generating Station Power Reactor Operating Licence

**nwmo**

NUCLEAR WASTE  
MANAGEMENT  
ORGANIZATION

SOCIÉTÉ DE GESTION  
DES DÉCHETS  
NUCLÉAIRES



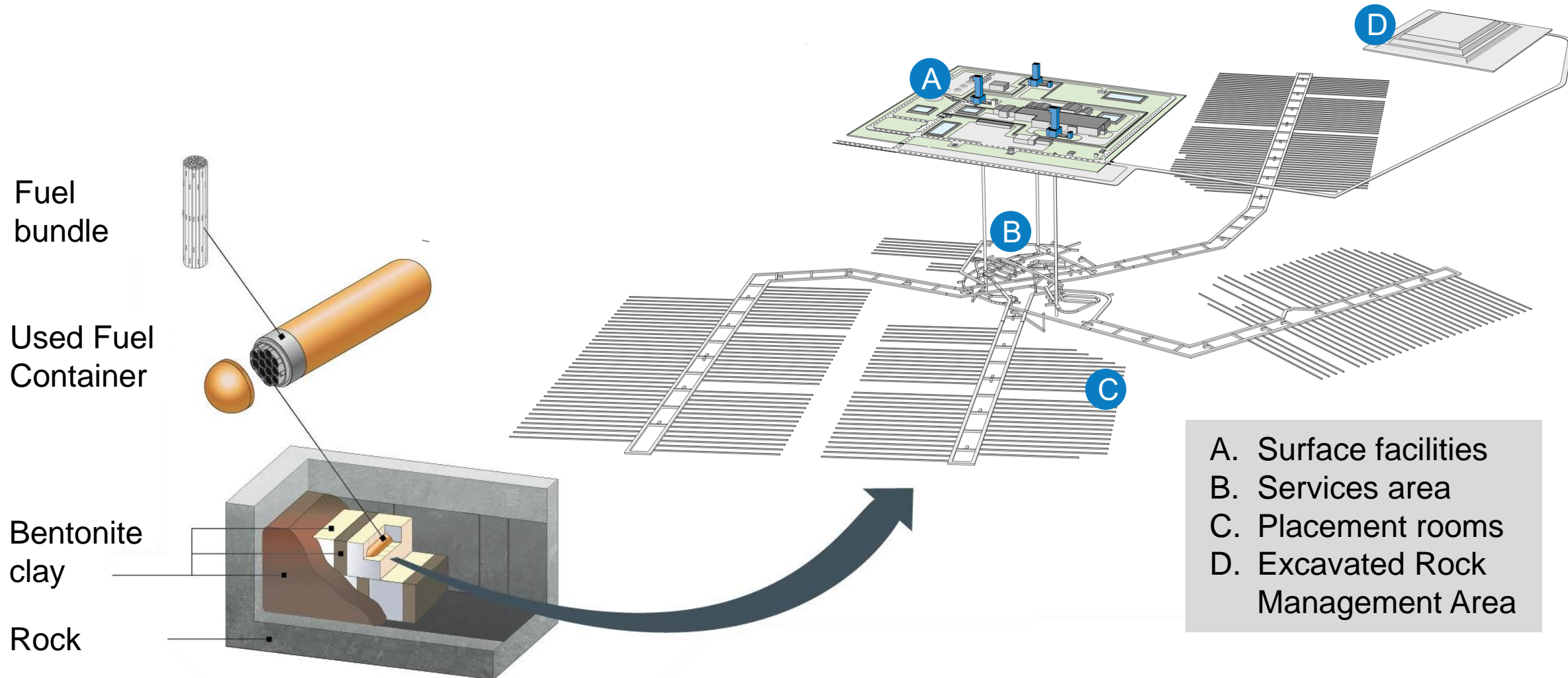


## About the NWMO

The Government of Canada, through the *Nuclear Fuel Waste Act* (2002), assigned responsibility for the safe, long-term management of Canada's used nuclear fuel to the NWMO.

In 2023, through the Integrated Strategy on Radioactive Waste, the NWMO assumed the responsibility for safe, long-term management of Canada's intermediate-level and non-fuel high level waste

# Deep geological repositories remain the international consensus





# Deep geological repository for Canada's used nuclear fuel - scope

- Surface facilities including an excavated rock management area
- Underground demonstration facility and emplacement rooms for the used fuel
- Based on 5.9 million CANDU (or equivalent) fuel bundles

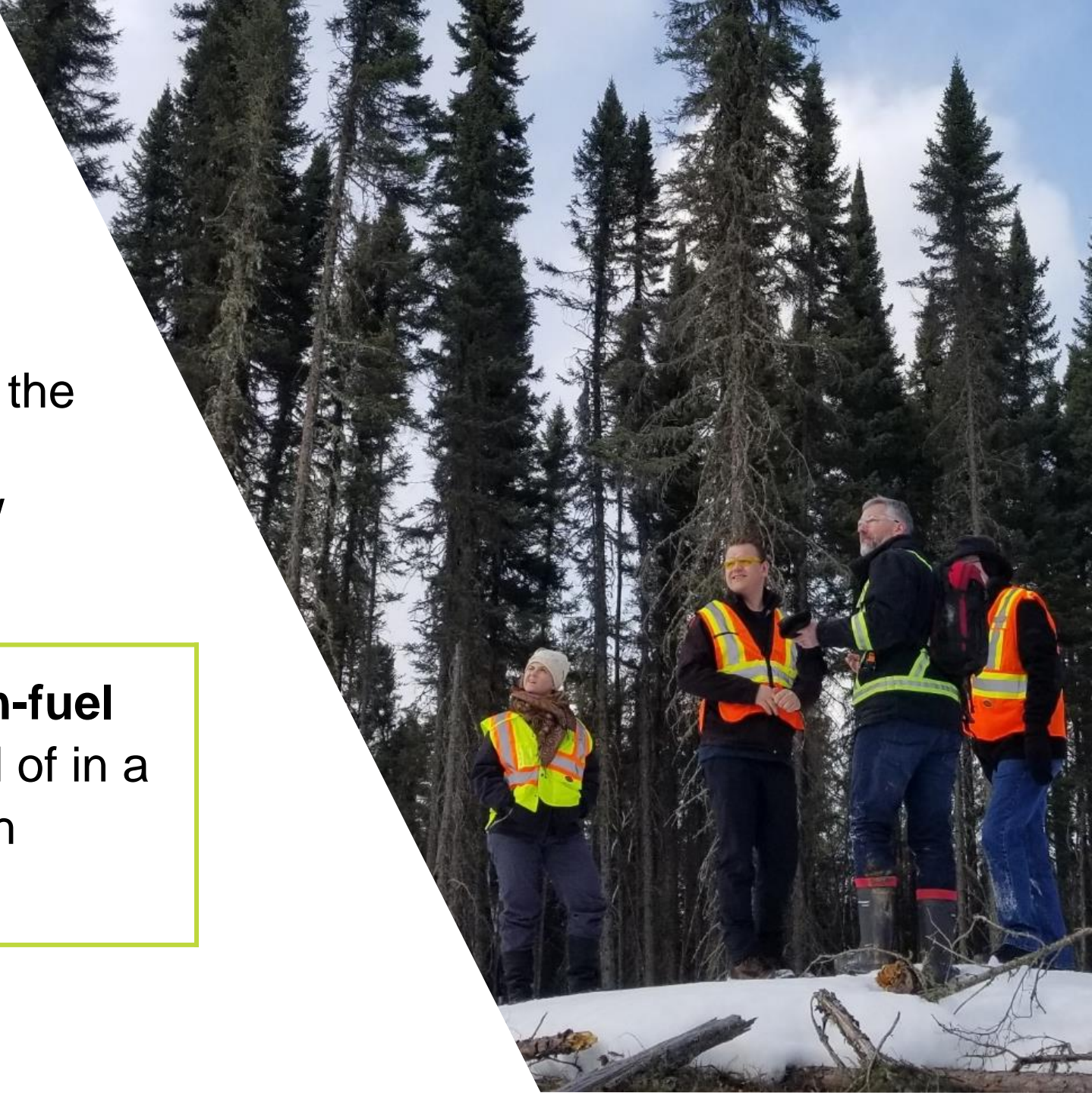
# Anticipated timelines for the deep geological repository for Canada's used nuclear fuel



# Integrated Strategy for Radioactive Waste (ISRW)

In October 2023, NRCan endorsed the ISRW which included the following recommendation, representing new work for the NWMO:

**Intermediate-level waste & non-fuel high-level waste** to be disposed of in a **deep geological repository** with implementation by the **NWMO**.



The NWMO is responsible for both ILW and HLW (including used fuel) of **existing and future nuclear** facilities in a deep geological repository (regardless of the location of the repository)

The NWMO expresses our gratitude to the people of Wabigoon Lake Ojibway Nation and Ignace for expressing willingness to continue working towards the deep geological repository for Canada's used nuclear fuel

»» Thank you!