



*Electrifying  
life*

# OPG New Nuclear Update

Big Things Start Small.

Christine Adams, DNNP Project Director



# Darlington New Nuclear Roadmap

BIG things start small.

2024

2025

2028

2030

2034

2035



\*All dates are estimated based on current project schedules\*



Cranes at work on the DNNP site – May 2025



# 2025 Lookahead

With Shareholder approval and a Licence to Construct, the construction phase of the project has begun

- Continue excavation of Reactor Building, Forebay and Launch shafts
- Complete construction on the Fabrication Building and Pre-Assembly Structure
- Commence construction of Administration and Rad Waste Buildings
- Erect construction warehouses and heavy lift crane
- Distribute wet and dry utilities across site to service buildings and construction activities
- Continue piling work for power block foundations
- Complete site grading for Units 2-4
- Execute Phase 1 geotechnical investigation for Units 2-4
- Initiate construction of Condenser Cooling Water system



# Darlington New Nuclear Site



Fabrication Building

Forebay Shaft

Pre-assembly structure

RB Shaft

Launch Shaft



One of eight shell cans that will make up the Reactor Pressure Vessel



Tunnel Boring Machine – nicknamed Harriett Brooks

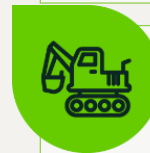
## Next steps



Prepare the **Licence to Operate** application ahead of submission to the CNSC in 2026



Fulfill EA commitment through **Recreational User Surveys** at the Darlington Nuclear site's public spaces



Procure and receive **major parts and equipment**



**Continued hiring** of required trades and operations & maintenance staff



**Continued engagement** with Rightsholders, stakeholders and the public.



# Commitment to Community Engagement

Keeping our communities informed through community council and committees

Educational programs and events

Tours and presentations

Environmental Stewardship

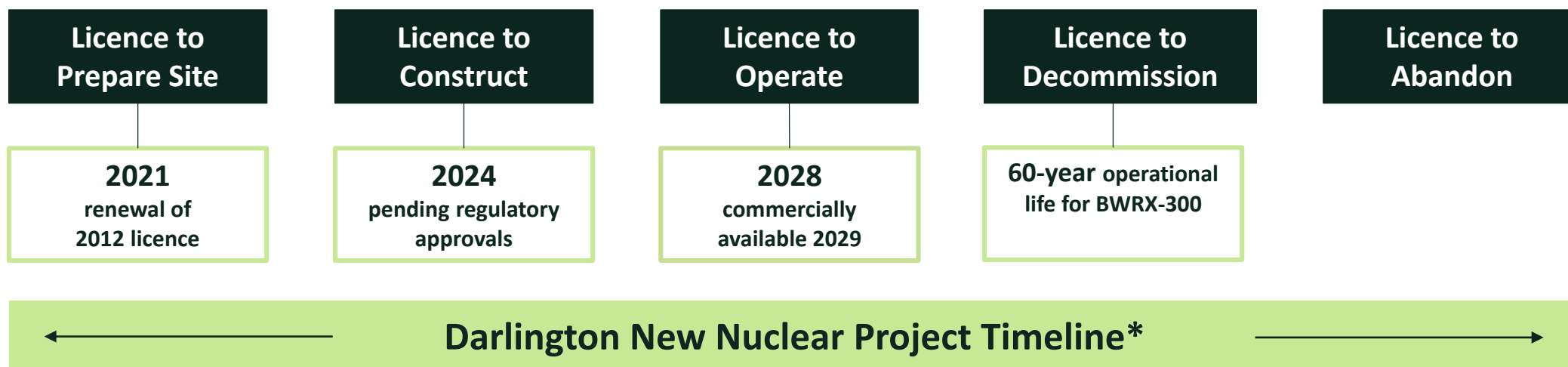
Community programming and partnerships



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# Canadian Nuclear Facility Licencing



\*Based on current project schedule

# Economic Benefits of **Four SMRs**

According to the Conference Board of Canada (2025)

Contribute approximately  
**\$38.5 billion to Canada's  
GDP or \$35.1 billion to  
Ontario's GDP**

It will create and sustain  
**3,700 jobs** each year in  
Canada  
over the next 65 years.

Project will also generate  
**\$13 billion in tax revenues**  
to municipal, provincial  
and federal governments  
over 65 years.

Ontario will reap  
**89 per cent**  
of the economic benefit

Can share common  
infrastructure like cooling  
water intake over four units,  
**reducing overall project  
costs.**

**The Conference  
Board of Canada**

