

Decommissioning Douglas Point

July 2024

Community Update



Community Update



- Who we are
- How are we're doing it
- Recent accomplishments
- What's up next
- What do you think?



Who we are



A national lab focused on national priorities.

- ✓ Canada's national nuclear laboratory
- ✓ Over 50 unique laboratories, 9000 acre campus
- ✓ Diverse team of >500 PhDs and researchers
- ✓ Broad portfolio in science
- ✓ Labs and project sites across Canada

Canadian Nuclear Laboratories (CNL) is a private sector company with a contract to manage and operate the nuclear research facilities on behalf of Atomic Energy of Canada Limited (AECL), a federal crown corporation

Chalk River Laboratories (CRL), the key asset under CNL management, is located in the Upper Ottawa Valley and a significant employer in the region

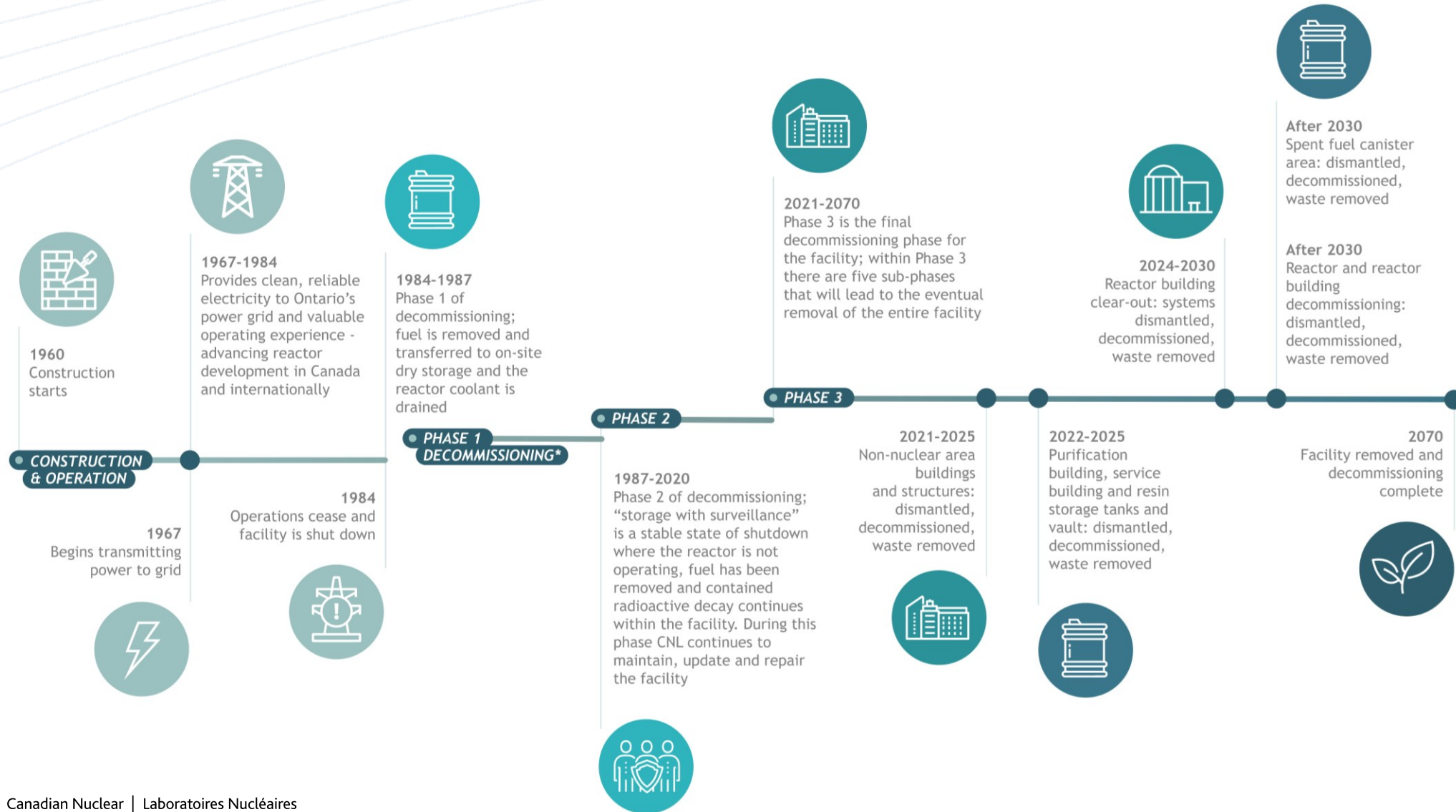




How we're doing it



Project timeline



Decommissioning Plans

A. Non-nuclear buildings

Detailed Decommissioning Plan Volume 2

B. Nuclear buildings

Detailed Decommissioning Plan Volume 3

C. Reactor building clear-out

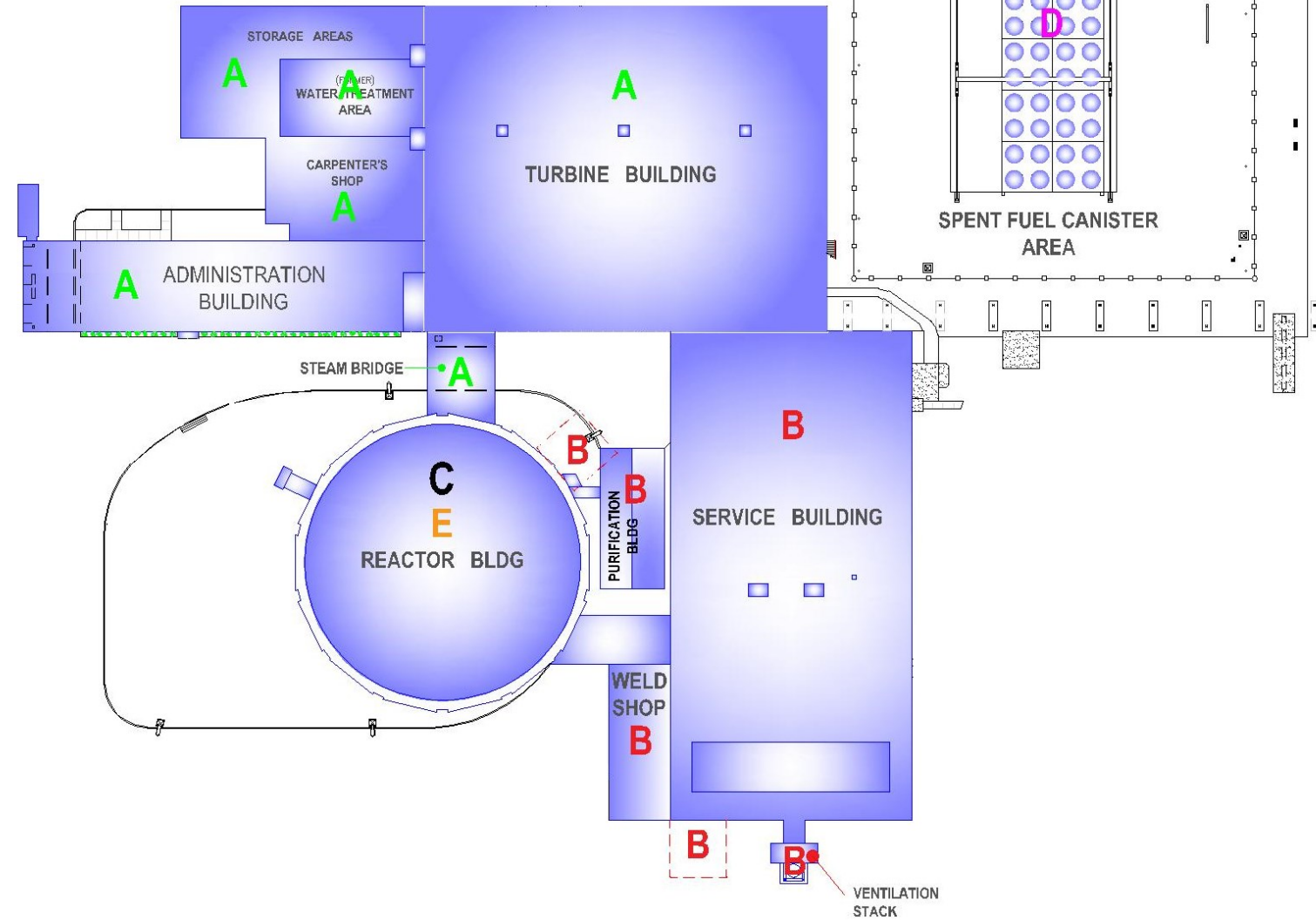
Detailed Decommissioning Plan Volume 4

D. Spent fuel canister area

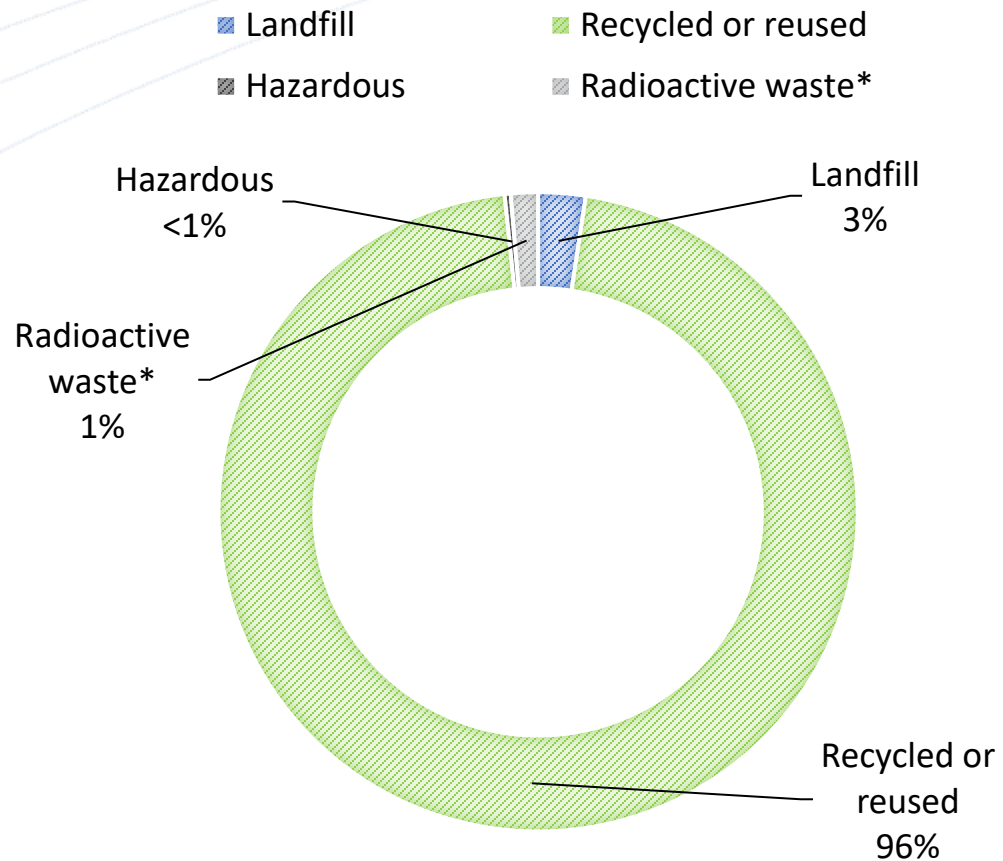
Detailed Decommissioning Plan Volume 5

E. Reactor building

Detailed Decommissioning Plan Volume 6



Where is the waste going?



- Most of the material from decommissioning can be recycled or reused
- All radioactive waste (except the used fuel) is being sent to Chalk River Laboratories
- Hazardous waste like asbestos is being sent to special landfills with the capability and licence to handle this material
- Small amount of conventional waste is being sent to conventional landfills



Recent accomplishments



Decommissioning and support activities

- Non-nuclear buildings:
 - Electrical and mechanical isolation (perimeter trenching)
 - Demolition design
 - Hazard removal (asbestos abatement)
- Steam bridge demolition
- Purification building characterization
- Service Building characterization
- Reactor building characterization





What's up next



Administration
building



Current decommissioning and support activities

- Dismantling of non-nuclear buildings
- Reactor building crane refurbishment
- Service building hazard removal
- Continued characterization work in nuclear buildings
- Legacy waste removal (resin tanks)
- Completion of perimeter trenching of reactor building and nuclear buildings (electrical and mechanical isolation)
- Sump pump maintenance
- Reactor building roof repair
- Crane maintenance



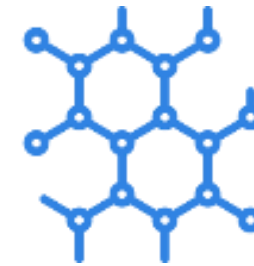
Roof repair work
in 2016





What do you think?





Canadian Nuclear
Laboratories

Laboratoires Nucléaires
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