

Decommissioning the NPD Facility



A Canadian first

Nuclear Power Demonstration (NPD) made history in 1962 when it generated electricity from nuclear power for the first time in Canada. After 25 years of producing clean energy and serving as a training facility, NPD ceased operations in 1987.









The final stage

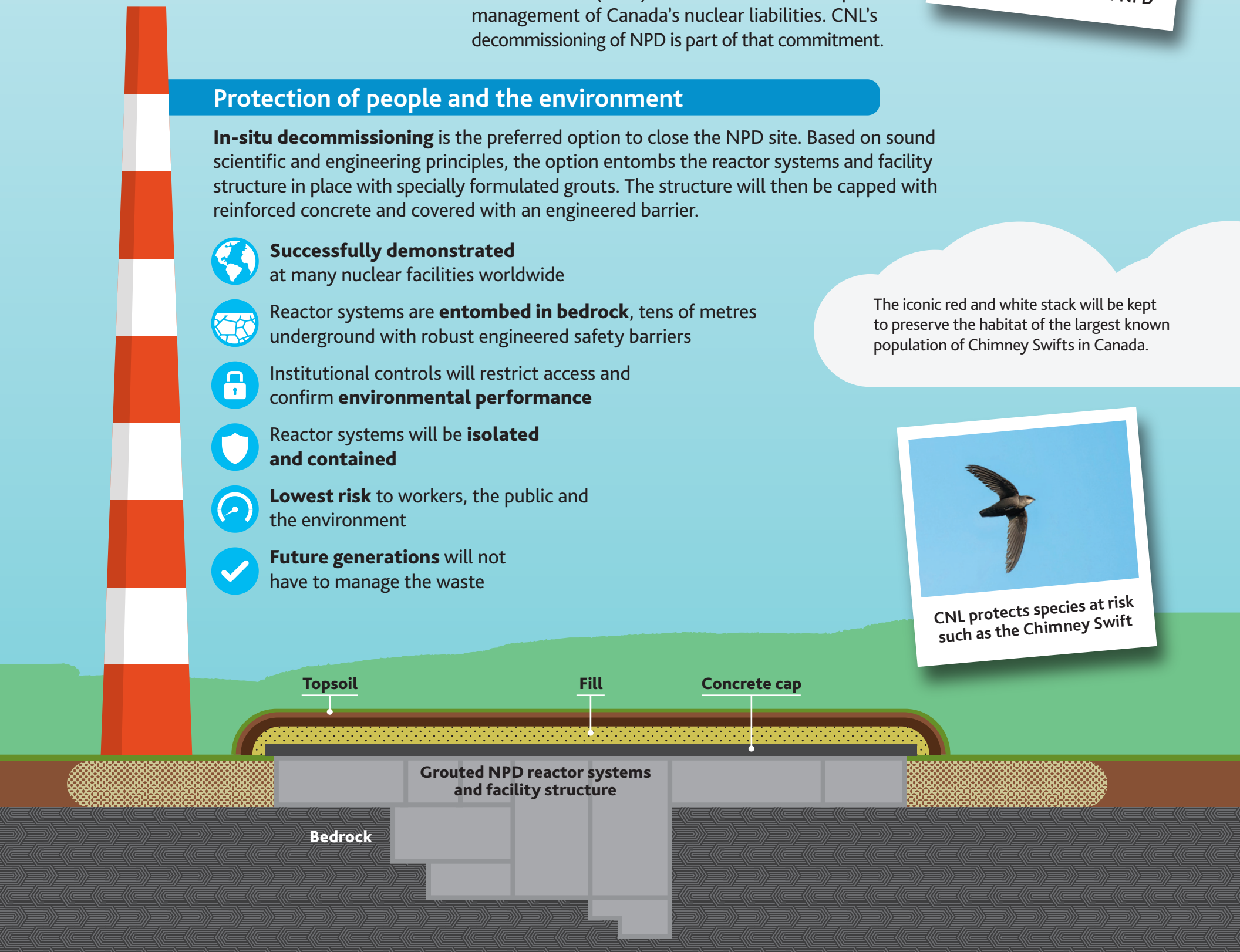
The Government of Canada and Atomic Energy of Canada Limited (AECL) are committed to the responsible management of Canada's nuclear liabilities. CNL's decommissioning of NPD is part of that commitment.

Protection of people and the environment

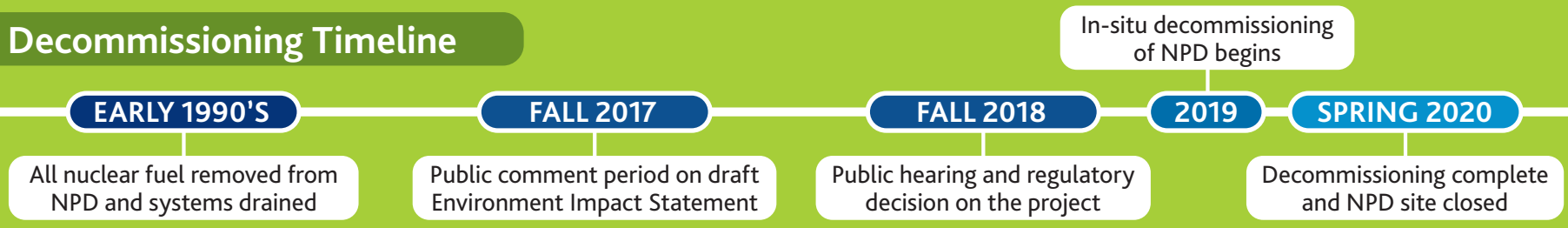
In-situ decommissioning is the preferred option to close the NPD site. Based on sound scientific and engineering principles, the option entombs the reactor systems and facility structure in place with specially formulated grouts. The structure will then be capped with reinforced concrete and covered with an engineered barrier.

-  **Successfully demonstrated** at many nuclear facilities worldwide
-  Reactor systems are **entombed in bedrock**, tens of metres underground with robust engineered safety barriers
-  Institutional controls will restrict access and confirm **environmental performance**
-  Reactor systems will be **isolated and contained**
-  **Lowest risk** to workers, the public and the environment
-  **Future generations** will not have to manage the waste

The iconic red and white stack will be kept to preserve the habitat of the largest known population of Chimney Swifts in Canada.



Decommissioning Timeline



Learn More and Get Involved

CNL engages with local communities and Indigenous groups to provide opportunities to participate in the Environmental Assessment process.

Participate in the Environmental Assessment process and learn more about NPD at www.cnl.ca/NPD or contact communications@cnl.ca.

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