

EXECUTIVE SUMMARY

This annual compliance monitoring report for the 2020 calendar year has been prepared as per licence condition 5.1 of the Douglas Point Licence WFDL-W4-332.02/2034 and Canadian Nuclear Safety Commission (CNSC) REGDOC-3.1.2, *Reporting Requirements, Volume I: Non-Power Reactor Class I Nuclear Facilities and Uranium Mines and Mills* as a summary report of annual compliance monitoring and operational performance.

This stand-alone, unrestricted document provides Canadian Nuclear Laboratories (CNL) 2020 compliance monitoring and performance for Douglas Point Waste Facility (DPWF) based on the CNSC's 14 Safety and Control Areas (SCA). This report provides site specific information to supplement information in the Annual Compliance Monitoring Report for Canadian Nuclear Laboratories for 2020, which provides programmatic updates and performance of the 14 SCAs and CNL's Public Information and Disclosure program as applicable to all CNL sites.

The following provides overall performance highlights for 2020 activities:

- All licensed activities continued to be carried out safely and securely.
- No worker at the facility received a dose in excess of any of the respective radiation dose limits for radiation workers, as defined in the Radiation Protection Regulations.
- No member of the public received a radiation dose that exceeded the regulatory limit.
- All releases of radioactive material in the facility effluents were below their respective Derived Release Limits (DRLs).
- No radiation incidents occurred that resulted in an exceedance of an Action Level or Regulatory Limit.
- As part of extensive housekeeping, Health, Safety, Security and Environment (HSSE) and fire load reduction initiatives, a significant amount of radiological and non-radiological waste was removed from the facility.

In 2020 November, CNL appeared at a CNSC public Commission hearing for the consideration of CNL's application to amend the DPWF licence to a decommissioning licence to allow Phase 3 decommissioning, which would include the active decommissioning and demolition of remaining facilities with the exception of the reactor (i.e. calandria), Reactor Building and the Spent Fuel Canister Area at DPWF.

In 2020, the Storage with Surveillance (SWS) activities of the DPWF were conducted in a manner that was safe, reliable and secure and in compliance with regulatory requirements.

Canadian Nuclear Laboratories is committed to achieving high standards of operational safety and security. The information and data presented in this report support the conclusion that safe and secure performance was achieved at the DPWF site, while enhancements were implemented to further improve results.