



Annual Compliance Monitoring Report Gentilly-1 Waste Facility Annual Compliance Monitoring Report for 2021 under Licence WFDL-W4-331.00/2034 61-00521-ACMR-2021

Revision 0

Prepared by:

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Syed M. Bukhari
Licensing Specialist DP & G1 Operations

Date

Reviewed by:

2022/05/19

J. Therrien
Facility Authority, Gentilly-1 Waste Facility

Date

Approved by:

2022/05/20

K. Schruder
Site Licence Holder, Gentilly-1 Waste
Facility

Date

EXECUTIVE SUMMARY

This annual compliance monitoring report for the 2021 calendar year has been prepared as per licence condition 5.1 of the Gentilly-1 Licence WFDL-W4-331.00/2034 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) 2021 compliance monitoring and performance for Gentilly-1 Waste Facility (G1WF) 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 2021, 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 2021 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.
- 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, radiological and non-radiological waste was removed from the facility.

In 2021, the Storage with Surveillance (SWS) activities of the G1WF 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 G1WF site, while enhancements were implemented to further improve results.