



## WASTE NUCLEAR SUBSTANCE LICENCE

### PORT GRANBY LONG-TERM LOW-LEVEL RADIOACTIVE WASTE MANAGEMENT PROJECT

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- I) LICENCE NUMBER:** WNSL-W1-2311.02/2021
- II) LICENSEE:** Pursuant to section 24 of the *Nuclear Safety and Control Act*, this licence is issued to:
- Canadian Nuclear Laboratories Ltd.  
Laboratoires Nucléaires Canadiens Itée  
286 Plant Road  
Chalk River, Ontario  
K0J 1J0**
- III) LICENCE PERIOD:** This licence is valid from **March 29, 2012** to **December 31, 2021**, unless suspended in whole or in part, amended, revoked, or replaced.
- IV) LICENSED ACTIVITIES:**
- This licence authorizes the licensee to conduct the following activities located in the Municipality of Clarington, Regional Municipality of Durham, Province of Ontario:
- (a) possess, package, transport, transfer, manage, and store nuclear substances, except Category I, II and III nuclear material as defined in section 1 of the *Nuclear Security Regulations*, that are required for, associated with or arise from the Port Hope Area Initiative - Port Granby Long-Term Low-Level Waste Management Facility, located in the Municipality of Clarington, Regional Municipality of Durham, Province of Ontario.
- V) EXPLANATORY NOTES:**
- (a) Nothing in this licence shall be construed to authorize non-compliance with any other applicable legal obligation or restriction.
- (b) Unless otherwise provided for in this licence, words and expressions used in this licence have the same meaning as in the *Nuclear Safety and Control Act* and associated Regulations.

- (c) The Port Granby Long-Term Low-Level Radioactive Waste Management Project Licence Conditions Handbook (LCH) provides compliance verification criteria including the codes, standards and regulatory documents used to verify compliance with the conditions in the licence. The LCH also provides information regarding applicable versions of documents and non-mandatory recommendations and guidance on how to achieve compliance.

## VI) CONDITIONS:

### G. General

G.1 The licensee shall conduct the activities described in Part IV of this licence in accordance with the licensing basis, defined as:

- (i) the regulatory requirements set out in the applicable laws and regulations;
- (ii) the conditions and safety and control measures described in the licence and the documents directly referenced in that licence;
- (iii) the safety and control measures described in the licence application and the documents needed to support that licence application;

unless otherwise approved in writing by the Canadian Nuclear Safety Commission (hereinafter “the Commission”).

G.2 The licensee shall give written notification of changes to the licenced activity or its operation, including deviation from design, operating conditions, policies, programs and methods referred to in the licensing basis.

G.3 The licensee shall conduct remedial work in accordance with the project developed clean-up criteria.

G.4 The licensee shall implement and maintain a public information and disclosure program.

### 1. Management System

1.1 The licensee shall implement and maintain a management system.

### 2. Human Performance Management

2.1 The licensee shall implement and maintain a training program.

### 3. Operating Performance

3.1 The licensee shall implement and maintain a program for reporting to the Commission or a person authorized by the Commission.

4. **Physical Design**

4.1 The licensee shall implement and maintain a design program.

5. **Radiation Protection**

5.1 The licensee shall implement and maintain a radiation protection program, which includes a set of action levels. When the licensee becomes aware that an action level has been reached, the licensee shall notify the Commission within seven days.

6. **Conventional Health and Safety**

6.1 The licensee shall implement and maintain a conventional health and safety program.

7. **Environmental Protection**

7.1 The licensee shall implement and maintain an environmental protection program, which includes a set of action levels. When the licensee becomes aware that an action level has been reached, the licensee shall notify the Commission within seven days.

8. **Emergency Management and Fire Protection**

8.1 The licensee shall implement and maintain an emergency preparedness program.

8.2 The licensee shall implement and maintain a fire protection program.

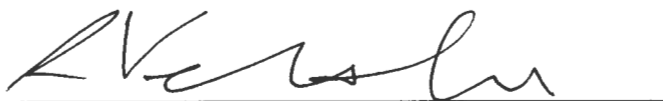
9. **Security**

9.1 The licensee shall implement and maintain a security program.

10. **Packaging and Transport**

10.1 The licensee shall implement and maintain a packaging and transport program.

SIGNED at OTTAWA, this 5 day of April, 2019.



Rumina Velshi, President  
On behalf of the Canadian Nuclear Safety Commission