

# NUCLEAR SUBSTANCES AND PRESCRIBED EQUIPMENT NOTIFICATION

Canada's Nuclear Regulator



## Suggested Instructions for licensee:

This form is intended as a means to inform the local emergency first responder departments of the presence of nuclear substances at a facility, pursuant to provincial legislation, the *National Fire Code of Canada 2015* and CNSC REGDOC-2.12.3, *Security of Nuclear Substances: Sealed Sources*. Complete and email to the local fire department and the local police department.

NOTE: For security reasons, prescribed information shall be safeguarded pursuant to sections 21 to 23 of the *General Nuclear Safety and Control Regulations*. Only include information suitable for the public domain. List the item description using general terms (e.g. "linear accelerator", "portable gauge"), and do not include room locations.

This form is intended to:

- establish a line of communication between the licensee and the local police and fire departments or stations
- facilitate coordination between the licensee and the local police and fire departments to schedule onsite training and familiarization tours
- facilitate the joint development of the Fire Safety Plan between the local fire department and licensee, in accordance with provincial fire legislation and the *National Fire Code of Canada 2015*
- notify police departments of the presence of sealed sources in accordance with the CNSC's REGDOC 2.12.3, *Security of Nuclear Substances: Sealed Sources*

### Section 3.1 (Indoor and Outdoor Storage) of Division B of the *National Fire Code of Canada 2015*, as amended

#### Section 3.1 General

##### 3.1.1.2 Radioactive Materials

- 1) *Dangerous goods* classified as radioactive materials shall be stored in conformance with CNSC SOR/2000-209, "Nuclear Safety and Control Act (S.C. 1997, c.9)."

##### 3.1.2.7 Fire Safety Plan

- 1) In addition to the information required in Section 2.8, where *dangerous goods* are stored or handled, the fire safety plan shall include the names, addresses, and telephone numbers of persons to be contacted in case of fire during non-operating hours.
- 2) Where *dangerous goods* referred to in Sentence (1) consist of *dangerous goods* classified as radioactive materials, the fire safety plan shall also include:
  - a) methods to control a fire emergency and to recover radioactive materials and equipment containing radioactive materials safely and efficiently,
  - b) the names, addresses and telephone numbers of primary and alternative sources of expert radiation safety advice and assistance, and
  - c) the location of primary and alternative sources of radiation survey instruments.

##### 3.2.7.6 Separation from Other Dangerous Goods

- 4) *Flammable liquids*, *combustible liquids* and *dangerous goods* classified as corrosives shall not be stored with *dangerous goods* classified as radioactive materials in quantities or in a manner that would constitute an undue risk in the event of a fire.

##### 3.2.7.16 Unauthorized Access

- 1) An area used for the storage of *dangerous goods* shall be secured against unauthorized access.

### CNSC REGDOC-2.12.3, *Security of Nuclear Substances: Sealed Sources*, as amended (For high and medium risk sources only)

#### 3.2.5 Alarm response protocol

The licensee must notify the local law enforcement agency, informing it that sealed sources are onsite, and include an opportunity for onsite familiarization tours. The licensee shall develop and maintain written arrangements with offsite emergency responders, and update those arrangements annually or when changes to the facility design or operations affect the potential vulnerability of the source.

nuclearsafety.gc.ca



Canadian Nuclear  
Safety Commission

Commission canadienne  
de sûreté nucléaire

Canada

# NUCLEAR SUBSTANCES AND PRESCRIBED EQUIPMENT NOTIFICATION

Dear Fire/Police Chief/Representative: This form is to notify you of the presence of nuclear materials (nuclear substances), prescribed equipment and/or sealed sources, in compliance with relevant provincial fire legislation, the *National Fire Code of Canada 2015*, and the Canadian Nuclear Safety Commission's *Security of Nuclear Substances: Sealed Sources*. Please contact the number below for more information regarding the listed sites and facilities.

## Licensee Identification

Licensee name:	
Address:	
CNSC licence nos.:	

## Contact Information

Radiation protection			
Primary contact:		Phone (emergency):	
Email:		Phone (business):	
Alternative contact:		Phone (emergency):	
Email:		Phone (business):	
Security (optional)			
Contact:		Phone (emergency):	
Email:		Phone (business):	
Fire protection (optional)			
Contact:		Phone (emergency):	
Email:		Phone (business):	

## Description of Nuclear Materials/Prescribed Equipment

Location	Description
Location 1	Hazards: <ul style="list-style-type: none"> <li><input type="checkbox"/> Sealed Source (radiological risk)</li> <li><input type="checkbox"/> Unsealed Sources (external contamination or ingestion or inhalation risk)</li> <li><input type="checkbox"/> Prescribed Equipment (radiological risk and may contain sealed sources or activated material)</li> </ul>
Location 2	Hazards: <ul style="list-style-type: none"> <li><input type="checkbox"/> Sealed Source (radiological risk)</li> <li><input type="checkbox"/> Unsealed Sources (external contamination or ingestion or inhalation risk)</li> <li><input type="checkbox"/> Prescribed Equipment (radiological risk and may contain sealed sources or activated material)</li> </ul>
Location 3	Hazards: <ul style="list-style-type: none"> <li><input type="checkbox"/> Sealed Source (radiological risk)</li> <li><input type="checkbox"/> Unsealed Sources (external contamination or ingestion or inhalation risk)</li> <li><input type="checkbox"/> Prescribed Equipment (radiological risk and may contain sealed sources or activated material)</li> </ul>
Location 4	Hazards: <ul style="list-style-type: none"> <li><input type="checkbox"/> Sealed Source (radiological risk)</li> <li><input type="checkbox"/> Unsealed Sources (external contamination or ingestion or inhalation risk)</li> <li><input type="checkbox"/> Prescribed Equipment (radiological risk and may contain sealed sources or activated material)</li> </ul>
Location 5	Hazards: <ul style="list-style-type: none"> <li><input type="checkbox"/> Sealed Source (radiological risk)</li> <li><input type="checkbox"/> Unsealed Sources (external contamination or ingestion or inhalation risk)</li> <li><input type="checkbox"/> Prescribed Equipment (radiological risk and may contain sealed sources or activated material)</li> </ul>
Location 6	Hazards: <ul style="list-style-type: none"> <li><input type="checkbox"/> Sealed Source (radiological risk)</li> <li><input type="checkbox"/> Unsealed Sources (external contamination or ingestion or inhalation risk)</li> <li><input type="checkbox"/> Prescribed Equipment (radiological risk and may contain sealed sources or activated material)</li> </ul>
Location 7	Hazards: <ul style="list-style-type: none"> <li><input type="checkbox"/> Sealed Source (radiological risk)</li> <li><input type="checkbox"/> Unsealed Sources (external contamination or ingestion or inhalation risk)</li> <li><input type="checkbox"/> Prescribed Equipment (radiological risk and may contain sealed sources or activated material)</li> </ul>

Additional line items have been attached.

## Optional: Other Hazards Related to the Licensed Activities

Additional information:	
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