



IAEA Incident & Trafficking Database (ITDB)

IAEA information system on incidents of nuclear and other radioactive material out of regulatory control

INCIDENT NOTIFICATION FORM

Part 1 only

☒ Initial Notification

ITDB Key: 2024-01-001

☐ Update on Previous Incident

WebINF Key: CAN-24-001

PART I – Basic Info and Material Involved

Information provided in Part I will be disseminated by the IAEA to all States participating in the ITDB programme and selected International Organizations.

Incident Date:	22 December, 2023	Country:	Canada
Incident Type:	Theft	Location:	Brampton, Ontario
Malicious Use:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	Latitude / Longitude:	43.732 / -79.762
Trafficking:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	Location Details:	
Incident Group:	Group II		

Materials involved in the incident

SEALED RADIOACTIVE SOURCES

Nuclide	Activity Level	Dose Rate	Additional Details <i>Device, Material Application, Notes</i>	Category (RS-G-1.9)
Cs-137	296 MBq		Device: Humboldt Scientific, Inc., 5001EZ, 10223 Application: Industrial - Moisture density gauge	5
Am-241/Be	1480 MBq		Device: Humboldt Scientific, Inc., 5001EZ, 10223 Application: Industrial - Moisture density gauge	4

ADDITIONAL COMMENTS ABOUT THE MATERIAL

MATERIAL RECOVERY / REGULATORY CONTROL

Based on the latest available information, was the material recovered, seized or otherwise placed under regulatory control? (please leave blank if not applicable)

☐ Yes ☐ Partially ☒ No

Joanne Chenier

3 January, 2024

Authorised Person Submitting Notification

Date