



Canadian Nuclear
Safety Commission

Commission canadienne
de sûreté nucléaire

Canada



Regulatory Oversight Report for Uranium and Nuclear Substance Processing Facilities, Research Reactors & Class IB Accelerators in Canada: 2023



CNSC Staff Presentation

Commission Meeting
February 26, 2025
CMD 25-M10.A





Facility Types

There are 4 types of facilities covered in this Regulatory Oversight Report (ROR):

Uranium Processing Facilities	Cameco Blind River Refinery	Reporting Timeframe 2023
	Cameco Port Hope Conversion Facility	
	Cameco Fuel Manufacturing Inc.	
	BWXT Nuclear Energy Canada (NEC) Toronto & Peterborough	
Nuclear Substance Processing Facilities	SRB technologies (Canada) inc.	
	Nordion (Canada) Inc.	
	Best Theratronics Ltd.	
	BWXT Medical Ltd	
Research Reactors	McMaster Nuclear Reactor	Reporting Timeframe 2021 -2023
	Royal Military College SLOWPOKE-2 Reactor	
	École Polytechnique de Montréal SLOWPOKE-2 Reactor	
	Saskatchewan Research Council SLOWPOKE-2 Reactor (Decommissioned)	
Class IB Particle Accelerators	Canadian Light Source Inc.	Reporting Timeframe 2020 - 2023
	TRIUMF Inc.	



CNSC staff rated all SCA's as Satisfactory at every facility, with the following exceptions having received ratings of "Below Expectations":

TRIUMF

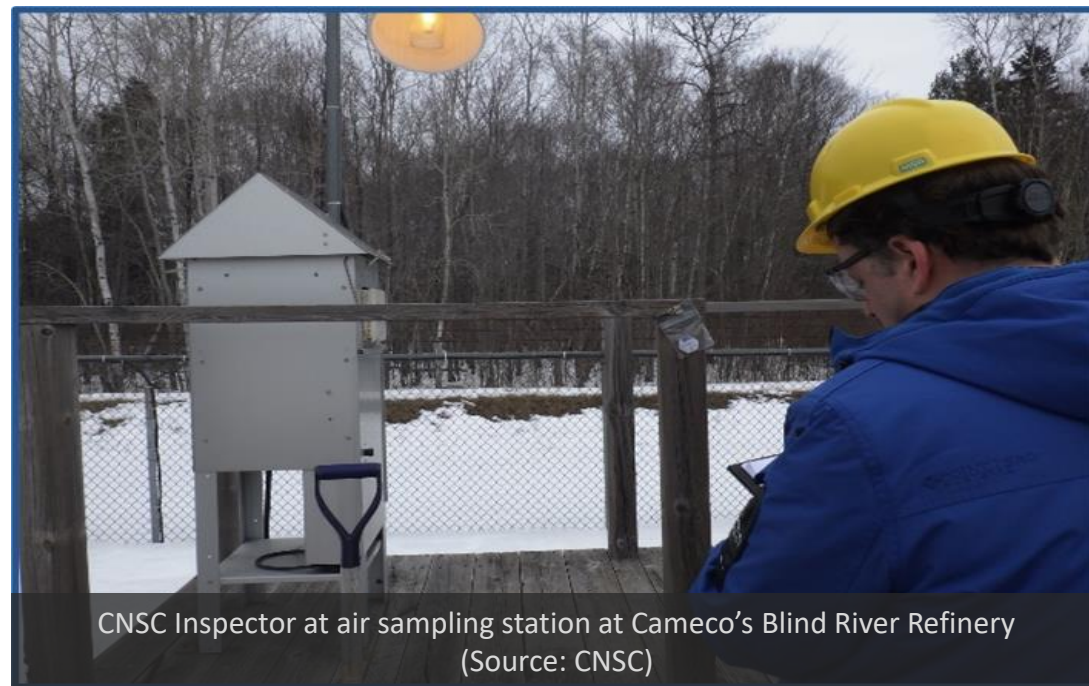
- 2019-2022: Management Systems SCA
- 2021: Safety Analysis SCA

Canadian Light Source

- 2019: Management Systems SCA

École Polytechnique de Montréal

- 2023: Safeguards & Non-Proliferation SCA



CNSC Inspector at air sampling station at Cameco's Blind River Refinery
(Source: CNSC)

All facilities continued to operate safely



Public/Indigenous Engagement & Outreach

- The CNSC is committed to the continued engagement of Indigenous Nations and communities, as well as the public
- ROR – focused webinar for Indigenous Nations and communities in December 2024
- Participant funding awarded to 5 recipients, totalling \$66,968



Other Updates

- Best Theratronics Ltd. (BTL) unionized employees have been on strike since May 2024
- CNSC staff conducted a reactive inspection focused on security and emergency preparedness – Inspector’s Order
- Financial guarantee – Designated Officer’s Order

For more information on both orders visit the CNSC website under [Regulatory actions](#)

CNSC staff continue to monitor BTL for regulatory compliance to ensure the safety of the public and the environment



CNSC staff have identified some missing information and errata:

TRIUMF

- Missing information on Lost Time Injuries
- Airborne release data for the Isotope Production Facility and additional isotopes from ISAC Facility

BWXT NEC

- Number of Notices of Non-Compliance
- Number of reported events

The errata do not change CNSC staff's assessment



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