2025 First Quarter Compliance Monitoring
&
Operational Performance Report

Reporting Period
January 1, 2025 to March 31, 2025

Blind River Refinery
Operating License
FFL-3632.0/2032

328 Eldorado Road
Blind River, Ontario
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Submitted to:
The Canadian Nuclear Safety Commission
P.O. Box 1046, Station B
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Submitted on May 27, 2025

Executive Summary

Cameco Corporation (Cameco) is a major supplier of uranium processing services required to produce nuclear fuel for the generation of safe, clean and reliable electricity around the world. Cameco's Fuel Services Division (FSD) is comprised of the Blind River Refinery (BRR), the Port Hope Conversion Facility (PHCF), Cameco Fuel Manufacturing Inc. (CFM) and a divisional head office located in Port Hope Ontario.

BRR operates a Class IB nuclear facility in Blind River, Ontario under a Canadian Nuclear Safety Commission (CNSC) operating license and employs approximately 165 workers. Cameco is committed to the safe, clean and reliable operations of all of its facilities and continually strives to improve safety performance and processes to ensure the safety of both its employees and local residents. BRR maintains the required programs, plans and procedures in the areas of health and safety, radiation protection, environment, emergency response, fire protection, waste management, and training.

As a result of these programs, plans and procedures, BRR's operations maintain radiation exposures to workers and the public well below the regulatory dose limits. Environmental emissions are also being controlled to levels that are a fraction of the regulatory limits.

There were no radiation protection or environmental protection action level exceedances in the first quarter of 2025.

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1.0 First Quarter Overview

1.1 Facility Operation

Cameco continues to strive for operational excellence at all its facilities through consistent application of management systems to ensure that they operate in a safe, clean and reliable manner. Corporate policies and programs, including that for Safety, Health, Environment and Quality (SHEQ) provide guidance and direction for all site-based programs and procedures that define the Blind River Refinery's Quality Management System. Cameco continually strives to improve safety performance and processes to ensure the safety of both its employees and residents.

There were no significant changes to Structure, Systems and Components (SSC) or processes in the first quarter.

There were no radiation protection or environmental protection action level exceedances in the first quarter of 2025.

1.2 Physical Design/Facility Modification

At BRR changes to the physical design of equipment, processes and the facility with the potential to impact safety are evaluated using an internal design control process from project planning through to completion of the project. This review identifies potential impacts to the environment as well as to health and safety of personnel.

There were no modifications affecting the safety analysis of BRR made in the first quarter that required written approval of the Commission or a person authorized by the Commission.

2.0 Radiation Protection

This safety and control area covers the implementation of a radiation protection program, in accordance with the Radiation Protection Regulations. This program must ensure that contamination and radiation doses are monitored and controlled.

Whole Body Dose

Table 1 shows the whole-body dose summary results from the first quarter for three work groups: employees in operations; employees in administration and/or support roles and contractors who have been designated nuclear energy workers (NEWs). All employees are also NEWs.

Employees are on either a monthly or quarterly dosimeter badge change frequency. The highest doses are from the operations work group, consisting of production and maintenance personnel. The CNSC action level for whole body dose is 2.0 mSv in a month for employees on a monthly dosimetry service badge change frequency, and 0.7 mSv in a quarter for employees on a quarterly dosimetry service badge change frequency. There were no results above either whole body dose action levels in the quarter.

Table 1

2025 First Quarter Whole Body Dose				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	83	0.03	0.00	0.20
Administration/Support	65	0.09	0.00	0.24
Operations	100	0.31	0.00	1.94
All	248	0.16	0.00	1.94

Table 2 shows the average, minimum, and maximum quarterly individual external whole-body exposures for the last five quarters. The average and maximum doses in the first quarter were within the range of the previous four quarters.

Table 2

Whole Body Dose by Quarter				
Quarter	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
Q1 2024	220	0.19	0.00	2.40
Q2 2024	301	0.16	0.00	1.88
Q3 2024	280	0.15	0.00	1.40
Q4 2024	237	0.17	0.00	2.10
Q1 2025	248	0.16	0.00	1.94

Skin Dose

Table 3 shows the quarterly skin dose summary results for three work groups: employees in operations; employees in administration and/or support roles and contractors who have been made NEWs. The highest doses are from the operations work group, consisting of production and maintenance personnel.

Employees are on either a monthly or quarterly dosimeter badge change frequency. The CNSC action level for skin dose is 15.0 mSv in a month for employees on a monthly dosimetry service badge change frequency, and 6.0 mSv in a quarter for employees on a quarterly badge change frequency.

There were no radiation protection action level exceedances for skin dose in the first quarter of 2025.

Table 3

2025 First Quarter Skin Dose				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	83	0.08	0.00	0.89
Administration/Support	65	0.17	0.00	1.33
Operations	100	1.52	0.00	6.20
ALL	248	0.68	0.00	6.20

Table 4 shows the employee average and maximum quarterly individual skin exposure results for the last five quarters. The average skin doses in the first quarter were within the range of the previous four quarters. The reported maximum skin dose was similar to the previous quarter.

Table 4

Skin Dose Results by Quarter				
Work Group	**Number of Individuals**	**Average (mSv)**	**Minimum (mSv)**	**Maximum (mSv)**
Q1 2024	220	0.99	0.00	15.19
Q2 2024	301	0.75	0.00	21.27
Q3 2024	280	0.59	0.00	6.57
Q4 2024	237	0.70	0.00	6.53
Q1 2025	248	0.68	0.00	6.20

Extremity Dose

Process operators working in the DRaff area and designated maintenance workers have historically been issued ring dosimeters. These dosimeters are only required to be worn when working in the DRaff area of the refinery. Table 5 shows the average and maximum ring dosimeter result for employees over the last five quarters. The reported maximum skin dose was similar to the last quarter and much less than the previously reported quarters.

Table 5

Quarterly Extremity Dose				
Work Group	**Number of Individuals**	**Average (mSv)**	**Minimum (mSv)**	**Maximum (mSv)**
Q1 2024	49	1.10	0.00	8.09
Q2 2024	49	1.30	0.00	16.34
Q3 2024	50	0.80	0.00	5.06
Q4 2024	53	0.80	0.00	5.30
Q1 2025	52	0.60	0.00	3.79

Eye Dose

Table 6 shows the quarterly eye dose summary results for three work groups: employees in operations; employees in administration and/or support roles and contractors who have been made NEWs. The highest exposure is from the operations group related to work in the Raffinate/Draff area.

Table 6

First Quarter 2025 Eye Dose Results				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	83	0.06	0.00	0.43
Administrative Support	65	0.13	0.00	0.63
Operations	100	0.80	0.00	3.16
All	248	0.38	0.00	3.16

Table 7 shows the employee average, minimum and maximum quarterly individual external eye exposures for the last five quarters. Eye dose is reviewed monthly and compared to the monthly action level of 6 mSv per month and individual cumulative quarterly dose is compared to the quarterly action level of 12 mSv per quarter. The maximum quarterly dose is a production operator whose cumulative quarterly dose was 3.16 mSv. Direct Read Dosimeters are being used in the

Raffinate/Draff area to manage potential eye dose. The maximum eye dose for the first quarter is similar to the maximum eye dose from the previous quarter.

Table 7

Eye Dose Results by Quarter				
Monitoring Period	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
Q1 2024	220	0.47	0.00	6.93
Q2 2024	301	0.37	0.00	9.50
Q3 2024	280	0.32	0.00	3.46
Q4 2024	237	0.38	0.00	3.03
Q1 2025	248	0.38	0.00	3.16

Urinalysis

Table 8 shows the distribution of urine results for the first quarter of 2025. A total of 1970 urine samples were analyzed for uranium during the quarter. As shown in Table 8, approximately 97% of routine urine analysis results were less than 5 µg U/L in the quarter.

There were five results above the routine weekly screening level of 6.3 µg U/L and no results above the routine monthly screening level of 4.4 µg U/L. There were forty-eight results measured above 5 µg U/L, that were attributed to employee and contractor daily, weekly, pre-shift and post-shift submissions none of the submissions exceeded the internal screening levels (routine weekly of 6.3 ug U/L, routine monthly of 4.4 ug U/L, pre-shift of 30 µg U/L and post-shift of 63 µg U/L). The other five samples that measured > 25 to ≤ 50 ug U/L, four of these samples were pre-shift submissions by NEW contractors who submit daily samples, one of which exceeded the screening level of 30 ug U/L. The other sample was a post shift submission by an employee, which was less than the post shift screening level of 65 ug U/L.

No urine analysis action levels were exceeded in the first quarter of 2025.

Table 8

2025 First Quarter Urinalysis Results	
Distribution of Results	**Number of Results**
Number of Samples ≤ 5 µg U/L	1916
Number of Samples >5 to ≤ 25 µg U/L	48
Number of Samples >25 to ≤ 50 µg U/L	5
Number of Samples ≥ 50 µg U/L	1
Number of Samples Analyzed	1970
Action Level 63 µg U/L (Routine Bi-Weekly Sample) Action Level 44 µg U/L (Routine Monthly Sample)	

Internal Dose (Urine)

Table 9 shows the internal urine analysis doses for the last five quarters. The average and maximum internal urine analysis doses in the quarter were 0.05 mSv and 0.57 mSv. These doses are within the range of the previous four quarters.

Table 9

Internal Urine Dose by Quarter				
Year	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
Q1 2024	152	0.07	0.00	0.70
Q2 2024	155	0.07	0.00	0.65
Q3 2024	222	0.05	0.00	0.65
Q4 2024	223	0.06	0.00	0.66
Q1 2025	217	0.05	0.00	0.57

Lung Dose

The lung count trailer was not on-site during this period.

Contamination Control

An extensive contamination control program is in place at the refinery. The refinery is divided into three Zones for contamination control purposes. Zone 1 areas are designated as clean areas, with no dispersible radioactive material allowed, while Zone 3 areas are production areas. Zone 2 areas are locations where small amounts of radioactive material may be present. Routine contamination monitoring is done in Zone 1 and 2 areas, with a focus on employee lunchrooms, change rooms and hallways. Table 10 summarizes quarterly alpha monitoring results from Zone 1 and Zone 2 areas. Monitoring results include both swipe samples and direct contact surface measurements. Additional monitoring locations have been added to support increased contractor activities.

Table 10

First Quarter Alpha Contamination Monitoring Results		
Area	**Total Number of Measurements**	**Number of Readings Above IAL**
Zone 1	316	0
Zone 2	7625	11
Internal Administrative Level (IAL) for swipes is 0.15 Bq/cm^2 and for direct contact readings is 0.37 Bq/cm^2.		

In-plant Air

Routine air sampling is performed by collecting airborne particulate on air sampling filters and quantifying the airborne concentration of uranium. A summary of in-plant air sampling results in the first quarter of 2025 is provided in Tables 11 and 12.

Table 11

2025 First Quarter Uranium In-plant Air Sampling Results				
Location	**# of**	**Average**	**Maximum**	**# of Samples above RL**
UO3 Lab	3	0.2	0.3	0
Calcination	540	3.8	64.3	0
Main Aisle	3	1.8	4.3	0
MAINT. SHOP	3	0.2	0.3	0
Gravimetric Feeder	91	9.9	252.5	2
Digestion	93	0.9	22.3	0
Solvent Extraction	3	0.2	0.3	0
Sump Treatment	90	1.4	7.1	0
Equipment Decontamination	128	1.9	11.9	0
Aisle to Powerhouse	45	3.7	48.0	0
Boildown	34	2.8	40.7	0
Denitration	543	10.8	330.0	13
U CONC Lab	3	0.8	1.8	0
DRaff/Raffinate	889	0.7	42.8	0
S&FP Warehouse	636	3.0	89.0	0

The maximum in-plant air sample of 330 µg U/m^3 which was recorded in the denitration area on March 30, 2025, was due to a power interruption. The area was declared a dust mask area, and the urine request form was distributed.

Table 12 is a summary of thorium-230 (Th) in-air sampling results collected from the Draff area quarterly.

Table 12

Thorium-in-Air Sampling Results				
Plant Area	**# of Samples**	**Average Th-230 (Bq/m^3)**	**Maximum Th-230 (Bq/m^3)**	**# of Samples above RL**
2024 Q1	448	0.014	0.248	6
2024 Q2	400	0.006	0.270	3
2024 Q3	363	0.002	0.244	1
2024 Q4	430	0.016	1.261	12
2025 Q1	483	0.029	0.510	28
Respirator Level (RL) is 0.15 Bq/m^3 Th-230				

The maximum in-plant air sample of 0.51 Th-230 Bq/m^3 was recorded on February 20, 2025, this was due to failed packing on the calciner feed screw seal. The area was restricted, posted as a dust mask area, and workers were wearing respirators.

Increased number of samples above the RL in 2025 Q1 is due to ongoing issues with corrosion of the scrubber and fume removal lines in DRaff.

3.0 Conventional Health and Safety

This safety and control area covers BRR's program to manage non-radiological workplace safety hazards and to protect personnel and equipment. Table 13 below lists the safety statistics for the refinery for the quarter and year-to-date.

Table 13

2025 Safety Statistics					
Quarter/Parameter	**Q1 2025**	**Q2 2025**	**Q3 2025**	**Q4 2025**	**YTD**
First Aid Injuries	4				4
Medical Diagnostic Procedures	1				1
Medical Treatment Injuries	4				4
Lost Time Injuries	0				0
Lost Time Injury Frequency	0				0
Lost Time Injury Severity	0				0

The Total Recordable Injury Rate (TRIR) YTD is 9.83.

Health and Safety Activities

Facility Health and Safety Committee meetings were conducted as scheduled. Safety meetings and scheduled training proceeded. Annual health and safety training objectives are being worked on successfully.

4.0 Environmental Protection

This safety and control area covers the programs that monitor and control all releases of nuclear and hazardous substances into the environment, as well as their effects on the environment, as the result of licensed activities.

Public Dose

The derived release limit (DRL) for a given radionuclide is defined as the release rate that would cause an individual of the most highly exposed group to receive and be committed to a dose equal to the regulatory annual dose limit due to release of the radionuclide to air or surface water during normal operation of a nuclear facility over the period of a calendar year. An updated, more conservative DRL report for the refinery was accepted by CNSC staff in 2019 and implemented at the start of 2020.

The DRL for the facility is based on three components: dose to the public from air emissions, dose from water discharges and dose from gamma radiation. For the refinery, dose to the public from air and water emissions is a very small fraction of the public dose limit (<0.001 mSv).

Therefore, the gamma component represents virtually all the estimated public dose.

The critical receptor is the hi-vol station at the golf course. An environmental dosimeter is placed at the hi-vol station and changed out on a quarterly basis.

Public dose information for the last five quarters at the critical receptor is shown in Table 14.

Table 14

Public Dose by Quarter (mSv)					
DRL Component	**Q1 2024**	**Q2 2024**	**Q3 2024**	**Q4 2024**	**Q1 2025**
Air	<0.001	<0.001	<0.001	<0.001	<0.001
Water	<0.001	<0.001	<0.001	<0.001	<0.001
Gamma	0.002	0.002	0.002	0.002	0.002
Total Quarterly Dose	0.002	0.002	0.002	0.002	0.002

Gamma Monitoring

Environmental dosimeters are placed along each of the four-perimeter fence lines; north, south, east and west. The dosimeters are collected and replaced in the field monthly. Fence line results for each month in the quarter are shown in Table 15. Dose rates along the east, west and south fence lines will regularly fluctuate due to changes in onsite inventory (quantity and yard location).

Table 15

2025 First Quarter Measured Fence Line Gamma Levels (µSv/h)			
Fence Line	**January**	**February**	**March**
East	0.52	0.60	0.62
*North	0.00	0.00	0.00
South	0.82	0.86	0.85
West	0.81	0.84	0.84

*North fence CNSC Action Level 0.25 µSv/h (Monthly)

Air Emissions

The refinery has two process stacks and an incinerator stack that are routinely monitored for uranium and particulate emissions. The absorber stack also has an on-line NOx analyzer. Each process area also has its own separate ventilation system. Uranium emissions from each of the individual process area ventilation systems are determined through calculation. The release limits changed with the new license issued February 2022.

Stack uranium emissions by quarter are shown in Table 16. Maximum emission rates were within the range of the previous four quarters for uranium and particulate emissions. Average uranium emissions were within the range of the previous four quarters. Stack uranium emissions by quarter are shown in Table 16.

Table 16

Daily Stack Emissions by Quarter									
Source	**Parameter**	**Limit**	**Action Level**	**Value**	**Q1 2024**	**Q2 2024**	**Q3 2024**	**Q4 2024**	**Q1 2025**
DCEV	Uranium (g U/h)	93[a]	1.1[b]	Quarterly Average	0.07	0.07	0.08	0.08	0.08
				Quarterly Maximum	0.14	0.44	0.33	0.16	0.28
Absorber	Uranium (g U/h)	21[a]	0.65[b]	Quarterly Average	0.01	0.01	0.01	0.01	0.01
				Quarterly Maximum	0.02	0.12	0.06	0.06	0.04
	Nitrogen Oxides (kg NO2/h)	19[b]	12[b]	Daily Average	3.4	2.8	1.9	3.6	3.8
				Daily Maximum	4.6	9.3	5.5	4.7	6.0
Incinerator	Uranium (g U/h)	29[a]	N/A	Quarterly Average	0.01	-	0.01	0.01	0.01
				Quarterly Maximum	0.01	-	0.01	0.01	0.01
All stacks	Particulate (g/h)	15,000 [b]	N/A	Daily Average	7	8	12	13	10
				Daily Maximum	20	27	54	34	31

Results less than the detection limit is denoted as "<".
[a] Limit based on annual averaging period.
[b] Limit based on daily result.

Liquid Discharges

The refinery has one liquid effluent discharge location into Lake Huron. All liquid effluent is sampled and analyzed prior to discharge to ensure all federal and provincial regulatory discharge parameter limits are met. The release limits changed with the new license issued February 2022.

An effluent treatment circuit and supplementary pollution control equipment are installed in the UO_3 plant to control and reduce emissions to water. The concentrations of key parameters in liquid effluent emissions are shown in Table 17. Liquid effluent parameters excluding nitrates remain within the range of the previous four quarters. The nitrate levels in Q1 were elevated due to a period of maintenance and returned to normal levels once the plant resumed operations. This impacted the maximum and average concentrations of nitrates in effluent during the quarter. Nitrate in effluent has remained at normal levels since this work was completed.

Table 17

Liquid Effluent Discharges									
Parameter	**Units of Measure**	**CNSC License Limit**	**Action Level**	**Value**	**Q1 2024**	**Q2 2024**	**Q3 2024**	**Q4 2024**	**Q1 2025**
Uranium	mg/l	1.7[1]	0.2	Average	0.02	0.02	0.02	0.01	0.01
				Max	0.03	0.04	0.10	0.02	0.04
Nitrate	mg/l as N	N/A	120	Average	8.9	3.9	5.0	8.6	16.6
				Max	12.6	6.1	17.8	17.1	67.0
Radium – 226	Bq/l	N/A	0.1	Average	0.01	0.01	0.01	0.01	0.01
				Max	0.01	0.01	0.01	0.01	0.01
pH		N/A	N/A	Daily Minimum	7.3	7.5	7.4	7.7	7.3
		N/A	N/A	Daily Maximum	7.8	8.2	8.2	8.2	8.1

[1] Limit based on monthly average of weekly composite samples

Ambient Air Monitoring

In addition to onsite monitoring of emissions, the refinery also has a comprehensive ambient air monitoring program. Table 18 shows the quarterly average uranium-in-air concentrations at each of the five hi-vol locations and the maximum individual result for each location by quarter. The results are within the range of the previous 4 quarters. The refinery continues to see increased vehicular traffic onsite over previous years to support increased receipts of concentrate, shipments of UO_3 and shipments of waste to a permitted landfill. The South-East Yard hi-vol location had a decrease in U in air after extensive paving in the area in 2023.

Table 18

Uranium-in-Air Concentration (µg U/m^3) at Hi-Vol Stations by Quarter						
Quarter	**Result**	**Golf Course**	**SE Yard**	**East Yard**	**Hydro Yard**	**Town of Blind River**
Q1 2024	Average	0.0002	0.0004	0.0009	0.0001	0.0001
	Maximum	0.0004	0.0006	0.0014	0.0001	0.0001
Q2 2024	Average	0.0003	0.0012	0.0016	0.0002	0.0001
	Maximum	0.0007	0.0057	0.0028	0.0002	0.0002
Q3 2024	Average	0.0003	0.0012	0.0025	0.0002	0.0001
	Maximum	0.0010	0.0039	0.0088	0.0002	0.0002
Q4 2024	Average	0.0002	0.0005	0.0009	0.0001	0.0001
	Maximum	0.0002	0.0006	0.0011	0.0002	0.0002
Q1 2025	Average	0.0002	0.0008	0.0020	0.0002	0.0001
	Maximum	0.0004	0.0016	0.0064	0.0002	0.0001

5.0 Public Information Program

During the first quarter of 2025, BRR continued to meet the requirements of CNSC REGDOC 3.2.1, Public Information and Disclosure programs.

Public Engagement

During the first quarter Cameco provided sponsorship for several community and educational initiatives including the Town of Blind River arena bleacher replacement project, the Blind River Beavers junior A hockey team, as well as grad survivor day for all grade twelve graduates.

During the months of February and March Cameco senior leadership visited all six local schools, educating students, teachers and administration about the nuclear industry and Blind River operations. Each of these educational segments included a presentation, question and answer period and a large backdrop representing the entire nuclear fuel cycle. In addition to the school visits, each of the elementary schools received a fully sponsored movie day and both high schools received a sponsored catered lunch.

Cameco began offering high school tours in February. The local French high school was the first to visit with their chemistry and trades students. In addition to a presentation, students and teachers received a guided tour and participated in a question-and-answer period with employees from the analytical, engineering and maintenance departments.

Cameco continued its monthly community sponsorship with Elliot Lake Today, an online newspaper which features local not-for-profits.

Public Disclosure

There were three public disclosures during the first quarter related to transportation incidents: Environment & Safety | Cameco

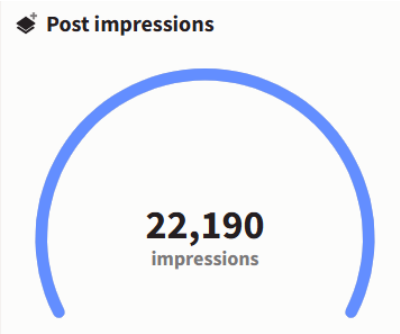
Posting Date	March 10, 2025
Incident Date	March 6, 2025
Incident	Transportation Incident
Details	A tractor trailer carrying three full UO3 tote bins was involved in a minor vehicle incident while travelling south on Highway 12. A passenger vehicle pulled out in front of the tractor trailer causing the driver to swerve into the far lane attempting to avoid a collision but in doing so struck another vehicle with its trailer. There was no damage to the tractor trailer, nor the tote bins so the vehicle continued onto its intended destination. There was no health or safety risk posed to the public or the environment.
Corrective Action	The police were called and attended the scene. As there was no damage to the tractor trailer it continued to its intended destination. Cameco notified the Canadian Nuclear Safety Commission transport section.
Cameco Environmental Effect Rating	1

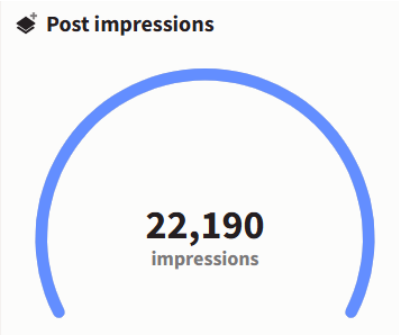
Posting Date	February 28, 2025
Incident Date	February 27, 2025
Incident	Transportation Incident
Details	A tractor trailer carrying three full UO3 tote bins was involved in a minor incident when stopped at a red traffic light in Blind River eastbound on Highway 17. A passenger vehicle, unable to stop due to slippery road conditions, rear-ended the tractor trailer. There was no damage to the tractor trailer or the tote bins, so the vehicle was able to safely continue onto its intended destination. There was no health or safety risk posed to the public or the environment.
Corrective Action	The police were called and representatives from Cameco and the trucking company attended the scene. As there was no damage to the tractor trailer continued to its intended destination. Cameco notified the Canadian Nuclear Safety Commission transport section.
Cameco Environmental Effect Rating	1

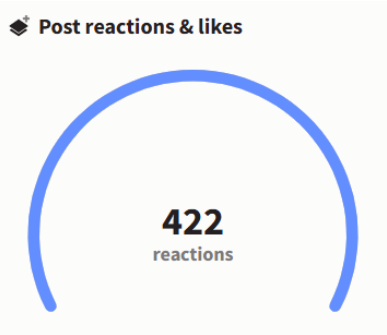
Posting Date	January 28, 2025
Incident Date	January 23, 2025
Incident	Transport Occurrence (Minor Vehicle Incident)
Details	A tractor trailer carrying a sea container of uranium ore concentrate was involved in a minor incident on Highway 401 east bound near Brockville, Ontario. A passenger vehicle was merging onto Highway 401 when its driver lost control, crossing all lanes and ending up in front of the truck. There was no damage to the trailer nor the sea container, and only minor damage to the front of the truck. The truck was still roadworthy and continued to its intended destination, Cameco's Blind River Refinery. There was no health or safety risk posed to the public or the environment.
Corrective Action	The passenger vehicle was towed from the scene. There was no damage to the trailer or sea container, and only minor damage to the front of the truck. The truck continued to its intended destination. Cameco notified the Canadian Nuclear Safety Commission transport section.
Cameco Environmental Effect Rating	1

Social Media

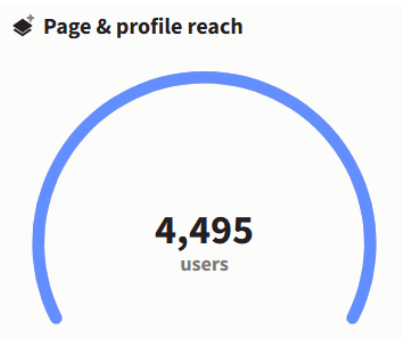
Facebook: *January 1 to March 31, 2025*

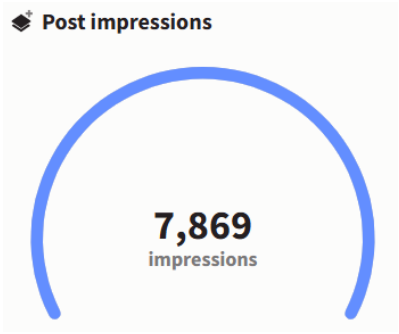




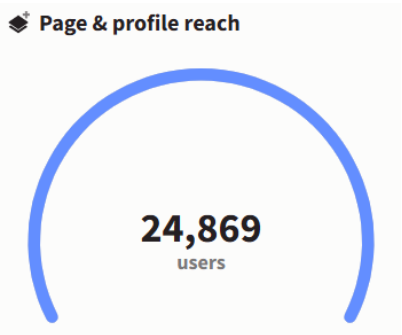


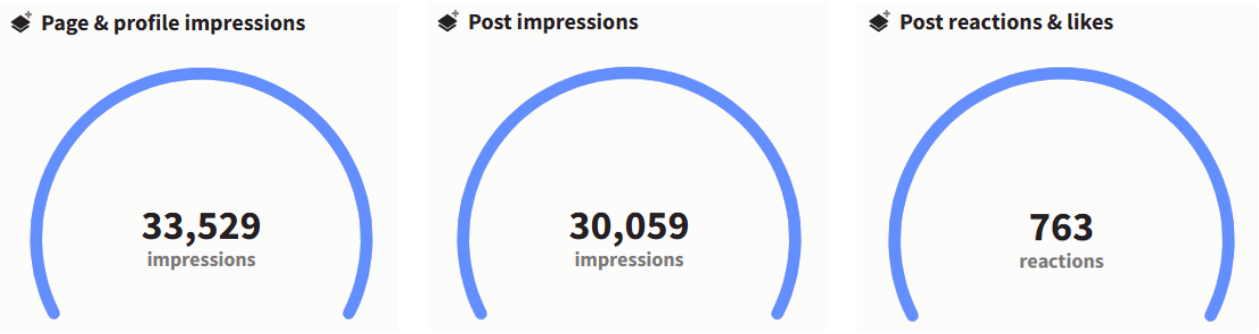
Other platforms (Instagram, X & YouTube): *January 1 to March 31, 2025*



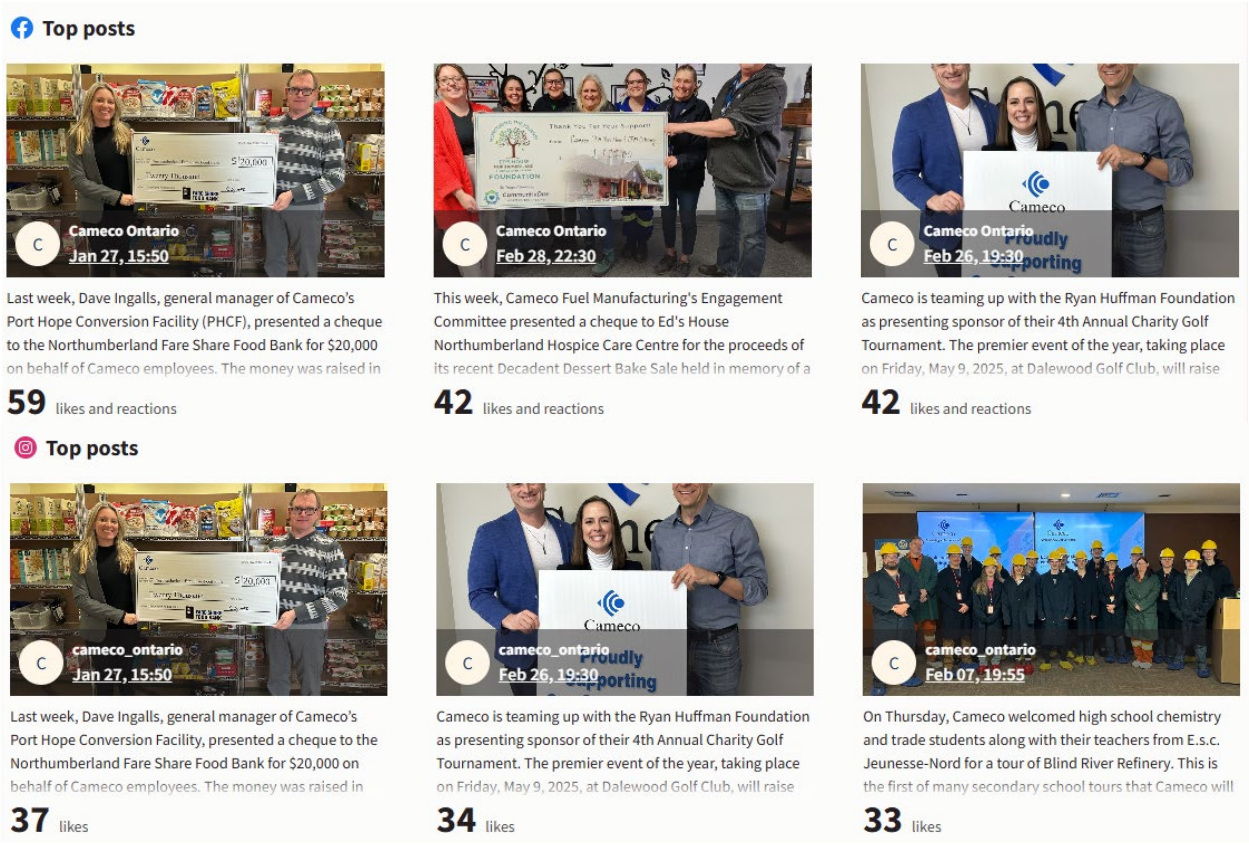


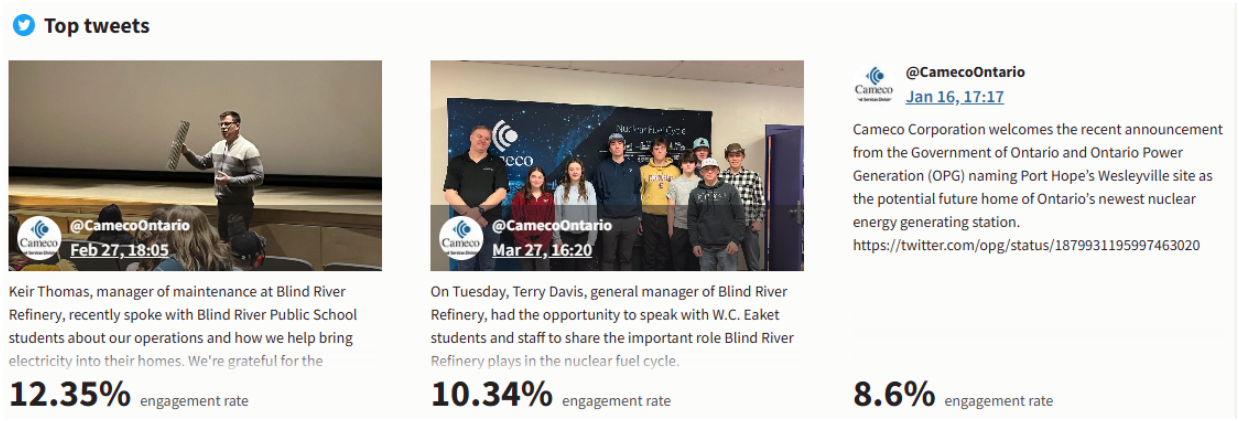
All Platforms: *January 1 to March 31, 2025*





Top Performing Posts





Summary

Cameco Ontario's 64 posts (combined across Facebook, Instagram, X and YouTube):

- Facebook: 22 posts
- Instagram: 20 posts
- X: 22 posts

These posts covered information such as:

- Indigenous engagement activities including:
  - OPG's Indigenous Relations and Partnerships team touring Port Hope Conversion Facility and CFM Port Hope
  - Cameco's support of the new Northumberland County Archives and Museum facility and its inaugural exhibition: Gidinawendimin
- Community engagement activities, including:
  - Blind River Refinery welcoming high school chemistry and trade students to tour the facility
  - Blind River staff visiting local Blind River elementary schools to educate students
- Community investment activities, including:
  - Cameco's employee fundraising donation to Northumberland Fare Share Food Bank
  - Cameco's announcement of becoming the presenting sponsor for the Ryan Huffman Foundation golf tournament
  - CFM Port Hope's bake sale donation to Ed's House Hospice Care Centre
- Career opportunities

<u>Website</u>

The Q4 2024 Compliance Report:

- 2024 Q4 Blind River Refinery Compliance Report | Cameco Fuel Services

The Blind River Refinery safety page on the Fuel Services Division website was reviewed and updated:

- Safety | Cameco Fuel Services

Media Analysis

There was no media coverage regarding the Blind River Refinery in Q1.

Communications Products

A new informative backdrop was designed and used to help explain the nuclear cycle to students during school visits. This communications tool may also be used at future community and career events.

6.0 Indigenous Engagement

Cameco is committed to providing information to interested Indigenous communities. The Mississauga First Nation (MFN) is Cameco's closest neighbour and Cameco continues to have regular communication with MFN through established protocols such as the notification of live fire practices and community support. Cameco also continues to work with MFN to formalize the relationship.

In the past, Serpent River First Nation (SRFN) requested to receive the Blind River Refinery's compliance report. Cameco continues that practice today.

The Métis Nation of Ontario (MNO) North Channel requested to be informed of noteworthy events and transportation incidents. For example, when there is a public disclosure regarding transportation, Cameco continues to uphold its commitment and provides this information.

On January 9 email communication was sent to MFN requesting follow-up items discussed at an in-person meeting in June 2024.

Cameco sponsored MFN for the Little Native Hockey League (Little NHL) tournament in February.

On February 28 and March 10 two public disclosures regarding separate transportation incidents were shared with MFN and the Metis Nation of Ontario, North Channel.

On March 6, the 2024 Q4 compliance report was sent to MFN and Serpent River First Nation via email.

7.0 Other Matters of Regulatory Interest

There were no other matters of regulatory interest in the quarter.

8.0 Concluding Remarks

Cameco is committed to the safe, clean and reliable operations of all of its facilities and continually strives to improve safety performance and processes to ensure the safety of both its employees and the people in neighboring communities.

Individual radiation exposures were maintained well below all applicable regulatory dose limits, as a result of the effective programs, plans and procedures in place. In addition, environmental emissions continued to be controlled to levels that are a fraction of the regulatory limits, and public radiation exposures are also well below the regulatory limits.

Cameco's relationship with our neighboring communities remains strong and we are committed to maintaining these strong relationships.