2025 Third Quarter Compliance Monitoring
&
Operational Performance Report

Reporting Period
July 1, 2025 to September 30, 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 November 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 was one skin dose and one eye dose action level exceedance for radiation protection in the third quarter of 2025. There were no environmental protection action level exceedances in the third quarter of 2025.

Contents

1.0 Third 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 third quarter.

There was one skin dose and one eye dose action level exceedance for radiation protection in the third quarter of 2025. There were no environmental protection action level exceedances in the third 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 third 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 third 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 quarterly dosimetry service badge change frequency. There were no results above either whole body dose action levels in the quarter.

Table 1

2025 Third Quarter Whole Body Dose				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	129	0.04	0.00	0.39
Administration/Support	82	0.08	0.00	0.19
Operations	102	0.29	0.00	1.41
All	313	0.13	0.00	1.41

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 third 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)**
Q3 2024	280	0.16	0.00	1.40
Q4 2024	238	0.18	0.00	2.10
Q1 2025	249	0.16	0.00	1.94
Q2 2025	267	0.15	0.00	1.41
Q3 2025	313	0.13	0.00	1.41

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 was one radiation protection action level exceedance for skin dose in the third quarter of 2025. One production employee had a quarterly skin dose of 19.84 mSv related to non-routine tasks in the Draff area (chipping conveyors).

Table 3

2025 Third Quarter Skin Dose				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	129	0.13	0.00	1.86
Administration/Support	82	0.10	0.00	0.64
Operations	102	1.75	0.00	19.84
ALL	313	0.65	0.00	19.84

Table 4 shows the employee average and maximum quarterly individual skin exposure results for the last five quarters. The maximum skin dose for the quarter was elevated from the previous three quarters. The elevation is associated with non-routine activities (chipping conveyor) in Draff resulting in a production employee who exceeded the monthly action level in August 2025 with a skin dose of 15.75mSv.

Table 4

Skin Dose Results by Quarter				
Work Group	**Number of Individuals**	**Average (mSv)**	**Minimum (mSv)**	**Maximum (mSv)**
Q3 2024	280	0.62	0.00	6.57
Q4 2024	238	0.75	0.00	6.55
Q1 2025	249	0.68	0.00	6.20
Q2 2025	267	0.82	0.00	11.70
Q3 2025	313	0.65	0.00	19.84

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 average and maximum extremity dose for the quarter were within the range of the previous four quarters.

Table 5

Quarterly Extremity Dose				
Work Group	**Number of Individuals**	**Average (mSv)**	**Minimum (mSv)**	**Maximum (mSv)**
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
Q2 2025	52	1.00	0.00	8.04
Q3 2025	52	0.80	0.00	5.68

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.

There was one radiation protection action level exceedance for eye dose in the third quarter of 2025. One production employee had a quarterly eye dose of 8.66 mSv, this is attributed to non-routine tasks (chipping conveyor) being completed in the Draff area.

Table 6

Third Quarter 2025 Eye Dose Results				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	129	0.08	0.00	0.89
Administrative Support	82	0.09	0.00	0.33
Operations	102	0.85	0.00	8.66
All	313	0.34	0.00	8.66

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. Direct Read Dosimeters are being used in the Raffinate/DRaff area to manage potential eye doses. The maximum quarterly dose is a production operator whose cumulative quarterly dose was 8.66 mSv. The maximum eye dose for the third quarter is elevated from the previous four quarters. The monthly action level exceedance is due to non-routine tasks (chipping conveyor) being completed in the Draff area resulting in a production employee who exceeded the monthly action level in August 2025 with an eye dose of 6.56 mSv.

Table 7

Eye Dose Results by Quarter				
Monitoring Period	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
Q3 2024	280	0.34	0.00	3.46
Q4 2024	238	0.40	0.00	3.20
Q1 2025	249	0.38	0.00	3.16
Q2 2025	267	0.41	0.00	4.86
Q3 2025	313	0.34	0.00	8.66

Urinalysis

Table 8 shows the distribution of urine results for the third quarter of 2025.

A total of 3137 urine samples were analyzed for uranium during the quarter. As shown in Table 8, approximately 98.1 % of routine urine analysis results were less than 5 µg U/L in the quarter.

There was one result 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. The submission that exceeded the internal screening level of 6.3 µg U/L was an employee submission, with a result of 12.4 µg U/L.

There were 58 results measured above 5 µg U/L, that were attributed to employee and contractor daily, weekly, pre-shift and post-shift submissions. (routine weekly of 6.3 µg U/L, routine monthly of 4.4 µg U/L, pre-shift of 30 µg U/L and post-shift of 63 µg U/L).

There was one sample that measured <25 to ≤ 50 µg U/L and one sample that measured ≥ 50 µg U/L , both samples were post shift submissions by NEW contractors, and were less than the post shift screening level of 65 µg U/L.

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

Table 8

2025 Third Quarter Urinalysis Results	
Distribution of Results	**Number of Results**
Number of Samples ≤ 5 µg U/L	3077
Number of Samples >5 to ≤ 25 µg U/L	58
Number of Samples >25 to ≤ 50 µg U/L	1
Number of Samples ≥ 50 µg U/L	1
Number of Samples Analyzed	3137
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 0.04 mSv and 0.66 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)**
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
Q2 2025	235	0.05	0.00	0.59
Q3 2025	273	0.04	0.00	0.66

Lung Dose

The lung count trailer was not at the Blind River Refinery during third quarter.

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

Third Quarter Alpha Contamination Monitoring Results		
Area	**Total Number of Measurements**	**Number of Readings Above IAL**
Zone 1	300	0
Zone 2	9204	12
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 third quarter of 2025 is provided in Tables 11 and 12.

Table 11

2025 Third Quarter Uranium In-plant Air Sampling Results				
Location	**# of**	**Average**	**Maximum**	**# of Samples above RL**
UO3 Lab	3	0.2	0.2	0
Calcination	541	6.0	112.9	1
Main Aisle	3	3.0	6.9	0
MAINT. SHOP	3	0.2	0.2	0
Gravimetric Feeder	90	33.4	258.3	12
Digestion	93	1.6	16.7	0
Solvent Extraction	3	3.0	8.4	0
Sump Treatment	93	2.0	13.1	0
Equipment Decontamination	101	1.9	8.9	0
Aisle to Powerhouse	3	1.2	3.0	0
Boildown	12	0.3	0.5	0
Denitration	539	6.7	181.9	4
U CONC Lab	3	0.4	0.7	0
DRaff/Raffinate	884	0.3	4.0	0
S&FP Warehouse	636	1.3	37.9	0

The maximum in-plant air sample of 258 µg U/m^3 which was recorded in the gravimetric feeder area on September 25, 2025, this was due to a broken hatch cover on feeder one. 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 Q3	363	0.002	0.244	1
2024 Q4	430	0.016	1.261	12
2025 Q1	483	0.029	0.510	28
2025 Q2	523	0.058	0.915	71
2025 Q3	372	0.003	0.271	3
Respirator Level (RL) is 0.15 Bq/m^3 Th-230				

The maximum in-plant air sample of 0.271 Th-230 Bq/m^3 was recorded on July 19, 2025. The cause of this event was found to be the removal of a feed screw to access and replace the calciner seal. The area was restricted, posted as a dust mask area, and workers were wearing respirators.

A decrease in the number of samples exceeding the reporting limit (RL) appears to be linked to maintenance being complete on equipment.

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	9		17
Medical Diagnostic Procedures	1	1	1		3
Medical Treatment Injuries	4	1	1		6
Lost Time Injuries	0	0	0		0
Lost Time Injury Frequency	0	0	0		0
Lost Time Injury Severity	0	0	0		0

The Total Recordable Injury Rate (TRIR) YTD is 4.33.

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 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	**Q3 2024**	**Q4 2024**	**Q1 2025**	**Q2 2025**	**Q3 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 Third Quarter Measured Fence Line Gamma Levels (µSv/h)			
Fence Line	**July**	**August**	**September**
East	1.14	1.10	1.26
*North	0.05	0.01	0.07
South	0.90	0.88	0.95
West	0.86	0.92	0.89

*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 at the absorber stack, the maximum uranium DCEV emission rates were temporarily elevated due to ventilation system performance, which was addressed through routine adjustments and verification during the reporting period. The range for particulate emissions rate at the Absorber stack for the second quarter was exceeded after a destructor fan screen failed in the chloride removal circuit. The observed particulate elevation in the third quarter was associated with conditions within the chloride circuit that temporarily reduced system efficiency. The 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	Q3 2024	Q4 2024	Q1 2025	Q2 2025	Q3 2025
DCEV	Uranium (g U/h)	93[a]	1.1[b]	Quarterly Average	0.08	0.08	0.08	0.08	0.08
				Quarterly Maximum	0.33	0.16	0.28	0.23	0.73
Absorber	Uranium (g U/h)	21[a]	0.65[b]	Quarterly Average	0.01	0.01	0.01	0.01	0.0
				Quarterly Maximum	0.06	0.06	0.04	0.07	0.08
	Nitrogen Oxides (kg NO2/h)	19[b]	12[b]	Daily Average	1.9	3.6	3.8	4.5	4.5
				Daily Maximum	5.5	4.7	6.0	7.5	8.5
Incinerator	Uranium (g U/h)	29[a]	N/A	Quarterly Average	0.01	0.01	0.01	0.01	N/A[c]
				Quarterly Maximum	0.01	0.01	0.01	0.01	N/A[c]
All stacks	Particulate (g/h)	15,000[b]	N/A	Daily Average	12	13	10	15	13
				Daily Maximum	54	34	31	167	218

Results less than the detection limit is denoted as "<".
[a] Limit based on annual averaging period.
[b] Limit based on daily result.
[c] Incinerator did not run in the third quarter

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. All parameters continue to see averages comparable to past quarterly averages.

Table 17

Liquid Effluent Discharges									
Parameter	**Units of Measure**	**CNSC License Limit**	**Action Level**	**Value**	**Q3 2024**	**Q4 2024**	**Q1 2025**	**Q2 2025**	**Q3 2025**
Uranium	mg/l	1.7[1]	0.2	Average	0.02	0.01	0.01	0.02	0.02
				Max	0.10	0.02	0.04	0.03	0.04
Nitrate	mg/l as N	N/A	120	Average	5.0	8.6	16.6	9.2	12.7
				Max	17.8	17.1	67.0	18.5	22.0
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	7.4	7.7	7.3	7.4	6.7
		N/A	N/A	Daily Maximum	8.2	8.2	8.1	8.6	8.7

[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.

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**
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
Q2 2025	Average	0.0002	0.0004	0.0038	0.0001	0.0001
	Maximum	0.0004	0.0006	0.0073	0.0002	0.0001
Q3 2025	Average	0.0003	0.0005	0.0020	0.0002	0.0001
	Maximum	0.0005	0.0010	0.0037	0.0003	0.0001

5.0 Public Information Program

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

Public Engagement

During the third quarter Cameco supported several community and educational initiatives including the Township of the North Shore Canada Day celebration, the Serpent River First Nation community tool fund, the 50th anniversary of the French Ontario flag, and the Blind River all schools Pow Wow.

During the month of June Cameco employees volunteered at the local Tim Hortons for Camp Day to help raise funds for underserved youth. Between the months of August and September, Cameco sponsored and participated in both the Mississauga First Nation and Rotary Club Red Briffett golf tournaments.

At the end of August, the Blind River Refinery published its first edition of Energize, a community newsletter. In addition to being available online, it was distributed to all mailboxes in Blind River and Algoma Mills. Additional printed copies were made available at the community barbecue, fall fair and during plant tours. The newsletter provides information about Cameco's Blind River Refinery operations and activities.

On September 11th the Refinery hosted its 3rd annual community barbecue. Over 170 community members attended and spoke with senior leaders and subject matter experts while enjoying a barbecue meal. Guests also had the opportunity to sign up for a fall tour of the Refinery.

Cameco also hosted the Blind River Fire Department for a joint annual emergency response training exercise and plant tour in September.

On September 23 & 25 Cameco opened its doors to family and friends. Guests received a presentation about Cameco's operations and a guided plant tour with members of the local senior leadership team.

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

- Cameco Community Barbecue returns to Blind River on September 11 - Elliot Lake News
- Local Seniors Club bustling with events and socials year-round - Elliot Lake News

Public Disclosure

There was one public disclosure during the third quarter on September 18 involving activation of a pull station.

Posting Date	Septempber 22, 2025
Incident Date	September 18, 2025
Incident	ERT Activation
Details	A pull station was activated at the Blind River Refinery when a small fire was observed on a piece of equipment in the plant. The fire was extinguished using a nearby extinguisher. The emergency response team was activated. There was no health or safety risk posed to the workers or environment.
Corrective Action	The small fire was extinguished and cleaned up. The Canadian Nuclear Safety Commission was notified.
Cameco Environmental Effect Rating	1

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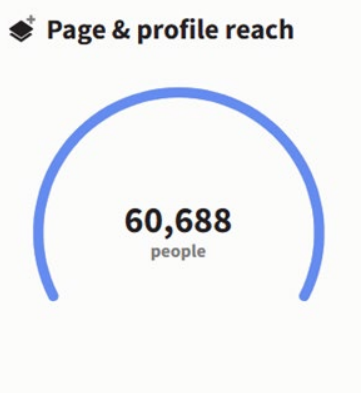
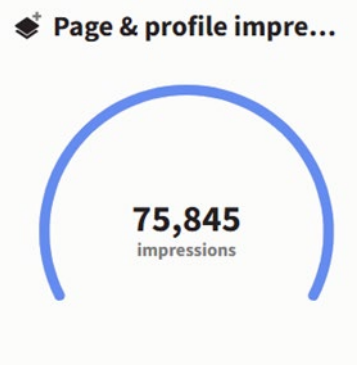
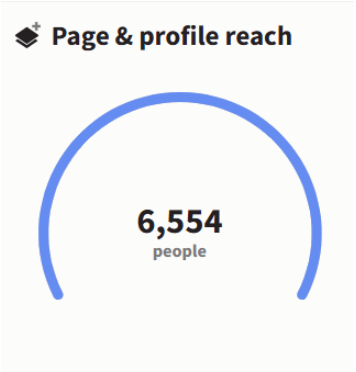
Social Media

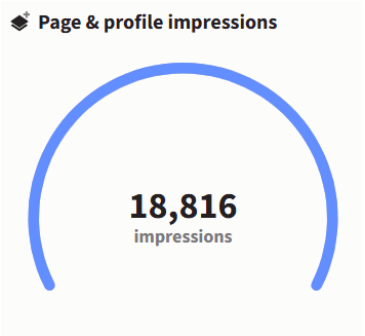
Facebook: *July 1 to September 30, 2025*

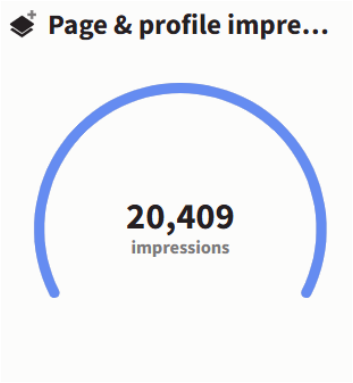




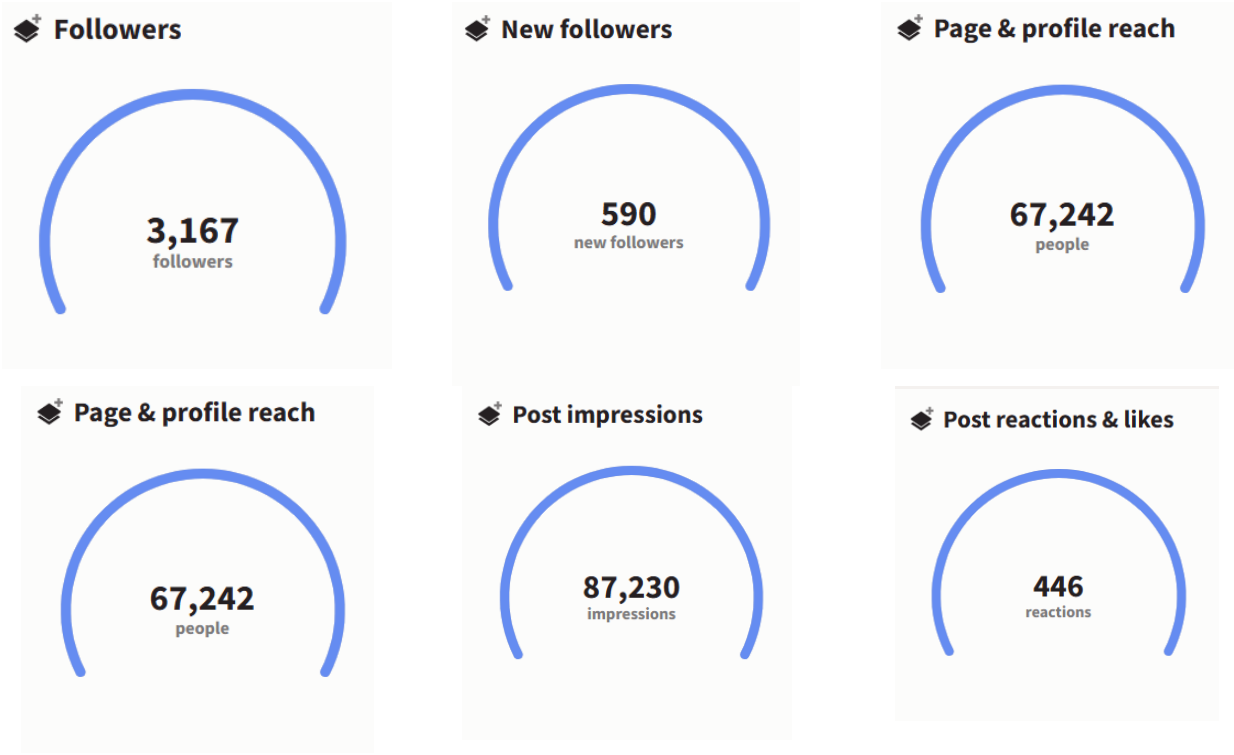
Other platforms (Instagram, X & YouTube): *July 1 to September 30, 2025*



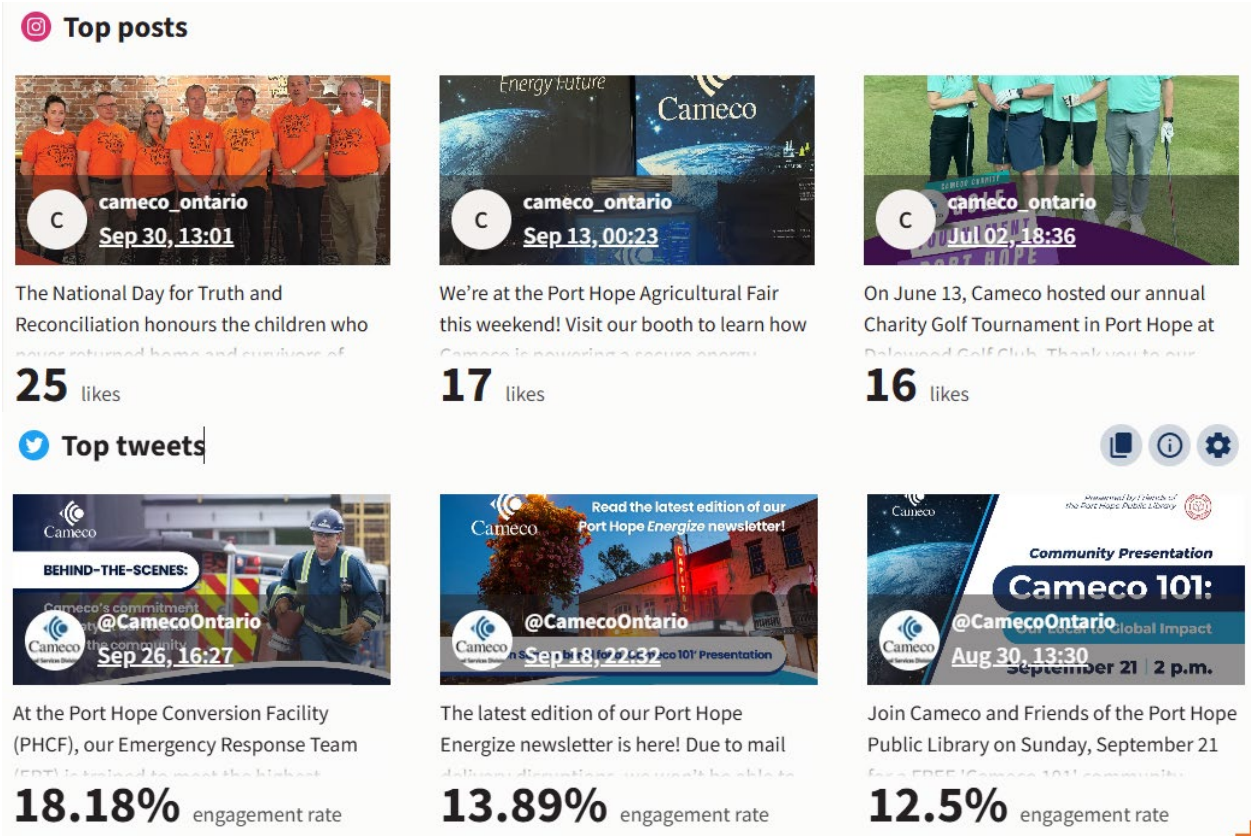




All Platforms: *July 1 to September 30, 2025*



Top Performing Posts



Summary

Cameco Ontario's 95 posts (combined across Facebook, Instagram, X and YouTube):

- Facebook: 33 posts
- Instagram: 33 posts
- X: 29 posts

These posts covered information such as:

- Community engagement activities, such as The Blind River Community BBQ
- The launch of the Blind River Refinery's first Energize newsletter. It featured stories focused on what the Refinery does, Cameco's commitment to education, the 20th annual Cameco Cares Day, and the Blind River Golf Tournament that raised $23,000+
- Career opportunities at the Blind River Refinery

Website

The Q2 2025 Compliance Report:

2025 Q2 Blind River Refinery Compliance Report - Cameco Fuel Services

The Blind River Energize community newsletter:

Cameco launches Blind River Energize community newsletter | Cameco Fuel Services

Third annual community barbecue:

Join Cameco for a free community BBQ | Cameco Fuel Services

Media Analysis

Cameco's Blind River Refinery was mentioned in the following articles:

- The Elliot Lake Standard – September 19, 2025: Red Briffett Memorial Golf Tournament | Elliot Lake Standard

Communications Products

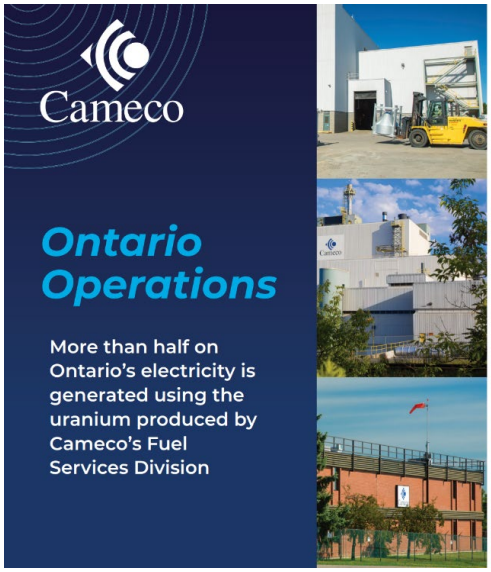
Blind River Energize Fall 2025.pdf

During the community barbecue on September 11 Cameco utilized a variety of communications material including custom vertical banners, large poster boards, and postcards both on display and available for taking. Cameco also designated an area to advertise upcoming tours of the Refinery with a sign-up sheet capturing contact information from almost forty visitors.

Banners, posterboards, and postcards contained information about the following:

- Blind River Refinery
- Ontario Operations

- Nuclear fuel cycle
- Benefits of nuclear energy
- Environmental monitoring
- Regulatory compliance
- Public information program (PIP)
- Blind River Refinery tours



Blind River Refinery

Uranium ore concentrates are shipped here from mines around the world and refined to produce uranium trioxide (UO_3).

Port Hope Conversion Facility

Converts purified uranium trioxide (UO_3) from our Blind River Refinery to either uranium dioxide (UO_2) or uranium hexafluoride (UF_6).

Cameco Fuel Manufacturing

A fuel manufacturing plant in Port Hope, using uranium dioxide (UO_2) to create CANDU reactor fuel bundles; and a metal fabrication shop in Cobourg, that produces fuel bundle and reactor components for heavy water reactors.

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.

In the past, Serpent River First Nation (SRFN) has 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.

Cameco representatives attended the SRFN job fair on June 12, providing information about the Blind River Refinery and employment opportunities.

On July 3 Cameco sponsored the Little NHL Summer Hockey Tournament.

On July 30, Cameco provided support for the Infrastructure and Housing Tool Replacement Fund at SRFN, investing in new tools for work that is carried out within the community.

On August 23 Cameco sponsored two holes and one team for the MFN Golf Tournament.

In late August, the Blind River Refinery's debut publication of Energize was mailed to MFN residents.

On September 4, an invitation to attend the Cameco Community BBQ in Blind River was sent to MFN.

On September 25 Cameco supported the 'Blind River All Schools Pow Wow 2025' an annual event for students and First Nation Partners.

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.