

**2024 Third Quarter Compliance Monitoring
&
Operational Performance Report**

**Reporting Period
July 1, 2024 to Sept 30, 2024**

**Blind River Refinery
Operating License
FFL-3632.0/2032**

**328 Eldorado Road
Blind River, Ontario
P0R 1B0**

Submitted to:
The Canadian Nuclear Safety Commission
P.O. Box 1046, Station B
280 Slater Street
Ottawa, Ontario
K1P 5S9

Submitted on Nov 26, 2024.

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 150 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 third quarter of 2024.

Contents

2.0 Third Quarter Overview	4
1.1 Facility Operation	4
1.2 Physical Design/Facility Modification	4
3.0 Radiation Protection	5
4.0 Conventional Health and Safety	12
5.0 Environmental Protection	13
6.0 Public Information Program	17
7.0 Indigenous Engagement	22
8.0 Other Matters of Regulatory Interest	23
9.0 Concluding Remarks	24

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 were no radiation protection or environmental protection action level exceedances in the third quarter of 2024.

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 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

2024 Third Quarter Whole Body Dose				
Work Group	Number of Individuals	Average Dose (mSv)	Minimum Dose (mSv)	Maximum Dose (mSv)
NEW Contractors	110	0.05	0.00	0.49
Administration/Support	75	0.09	0.00	0.29
Operations	95	0.32	0.00	1.40
All	280	0.15	0.00	1.40

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 2023	200	0.20	0.00	1.49
Q4 2023	179	0.20	0.00	1.57
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

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 third quarter of 2024.

Table 3

2024 Third Quarter Skin Dose				
Work Group	Number of Individuals	Average Dose (mSv)	Minimum Dose (mSv)	Maximum Dose (mSv)
NEW Contractors	110	0.18	0.00	0.95
Administration/Support	75	0.11	0.00	0.53
Operations	95	1.44	0.00	6.57
ALL	280	0.59	0.00	6.57

Table 4 shows the employee average and maximum quarterly individual skin exposure results for the last five quarters. The average skin doses in the third quarter were within the range of the previous four quarters. The reported maximum skin dose was significantly less than the previous quarters. Cameco continues to evaluate options for securing OSLD bags and protecting them from loss or proximal radiation from contaminated identification tags. Additional information will be provided to CNSC staff when available.

Table 4

Skin Dose Results by Quarter				
Work Group	Number of Individuals	Average (mSv)	Minimum (mSv)	Maximum (mSv)
Q3 2023	200	0.83	0.00	6.63
Q4 2023	179	1.24	0.00	13.29
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

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 significantly less than the previous quarters.

Table 5

Quarterly Extremity Dose				
Work Group	Number of Individuals	Average (mSv)	Minimum (mSv)	Maximum (mSv)
Q3 2023	47	0.70	0.00	5.31
Q4 2023	48	1.00	0.00	11.46
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

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

Third Quarter 2024 Eye Dose Results				
Work Group	Number of Individuals	Average Dose (mSv)	Minimum Dose (mSv)	Maximum Dose (mSv)
NEW Contractors	110	0.12	0.00	0.55
Administrative Support	75	0.10	0.00	0.34
Operations	95	0.74	0.00	3.46
All	280	0.32	0.00	3.46

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 3.46 mSv. Direct Read Dosimeters are being used in the Raffinate/Draff area to manage potential eye dose. The maximum eye dose for the third quarter is significantly lower than the maximum eye dose from the previous three quarters.

Table 7

Eye Dose Results by Quarter				
Monitoring Period	Number of Individuals	Average Dose (mSv)	Minimum Dose (mSv)	Maximum Dose (mSv)
Q3 2023	200	0.45	0.00	3.41
Q4 2023	179	0.57	0.00	5.63
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

Urinalysis

Table 8 shows the distribution of urine results for the third quarter of 2024. A total of 3225 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 eight 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 four samples that measured > 25 to ≤ 50 µg U/L, two were post-shift submissions that did not exceed the screening level of 65 µg U/L and the remaining two were pre-shift submissions that did not exceed the screening level of 30 µg U/L. The other ninety-one results measured above 5 µg U/L, 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 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).

No urine analysis action levels were exceeded in the third quarter of 2024.

Table 8

2024 Third Quarter Urinalysis Results	
Distribution of Results	Number of Results
Number of Samples ≤ 5 µg U/L	3126
Number of Samples >5 to ≤ 25 µg U/L	95
Number of Samples >25 to ≤ 50 µg U/L	4
Number of Samples ≥ 50 µg U/L	0
Number of Samples Analyzed	3225
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 0.65 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 2023	150	0.07	0.00	0.59
Q4 2023	141	0.08	0.00	0.50
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

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 in 2024.

Table 10

Third Quarter Alpha Contamination Monitoring Results		
Area	Total Number of Measurements	Number of Readings Above IAL
Zone 1	444	0
Zone 2	8734	19
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 2024 is provided in Tables 11 and 12.

Table 11

2024 Third Quarter Uranium In-plant Air Sampling Results				
	# of	Average	Maximum	# of Samples above RL
Warehouse	670	1.2	34.0	0
UO3 Lab	3	0.2	0.2	0
Calcination	545	4.9	135.2	1
Main Aisle	3	2.1	5.7	0
MAINT. SHOP	3	0.2	0.2	0
Gravimetric Feeder	91	8.5	264.1	1
Digestion	94	1.7	42.2	0
Solvent Extraction	3	0.2	0.2	0
Sump Treatment	87	1.4	18.2	0
Equipment	100	0.9	13.3	0
Aisle to Powerhouse	3	0.2	0.2	0
Boildown	26	0.3	0.7	0
Denitration	546	8.1	188.9	8
U CONC Lab	3	0.2	0.2	0
DRaff/Raffinate	889	0.4	21.4	0
Respirator Level (RL) is 90 µg U/m ³				

The maximum in-plant air sample of 264 µg U/m³ which was recorded on July 4, 2024, was the result of contractors removing insulation to complete work in the calcination area. The area was restricted and posted as a dust mask area prior to commencing work and all personnel who entered to perform work were equipped with respirators and other appropriate PPE.

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/m³)	Maximum Th-230 (Bq/m³)	# of Samples above RL
2023 Q3	376	0.014	1.089	11
2023 Q4	501	0.045	1.946	35
2024 Q1	448	0.014	0.248	6
2024 Q2	400	0.006	0.270	3
2024 Q3	363	0.002	0.244	1
Respirator Level (RL) is 0.15 Bq/m ³ Th-230				

The maximum in-plant air sample of 0.244 Th-230 Bq/m³ which was recorded on September 19, 2024, was the result of calciner operation issues. The area was restricted, posted as a dust mask area, and workers were wearing respirators.

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

2024 Safety Statistics					
Quarter / Parameter	Q1 2024	Q2 2024	Q3 2024	Q4 2024	YTD
First Aid Injuries	6	12	6		24
Medical Diagnostic Procedures	3	0	1		4
Medical Treatment Injuries	0	0	1		1
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 0.00.

Health and Safety Activities

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

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 2023	Q4 2023	Q1 2024	Q2 2024	Q3 2024
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 fencelines will regularly fluctuate due to changes in onsite inventory (quantity and yard location).

Table 15

2024 Third Quarter Measured Fence Line Gamma Levels ($\mu\text{Sv/h}$)			
Fence Line	July	August	September
East	3.02	2.23	1.48
*North	0.05	0.06	0.03
South	0.92	0.78	0.97
West	1.00	1.06	1.03

*North fence CNSC Action Level 0.25 $\mu\text{Sv/h}$ (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 NO_x 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. Average and maximum emission rates were within the range of the previous four quarters for uranium and particulate emissions. While average nitrogen oxide emissions were within the previous four quarters, the maximum was higher than typically observed. This was due to issues with the main Spencer turbine requiring the use of the emergency Spencer turbine until repairs on the main Spencer turbine were completed. Emissions returned to normal the following day. The incinerator did not operate in the second quarter.

Table 16

Daily Stack Emissions by Quarter									
Source	Parameter	Limit	Action Level	Value	Q3	Q4	Q1	Q2	Q3
					2023	2023	2024	2024	2024
DCEV	Uranium (g U/h)	93a	1.1 ^b	Quarterly Average	0.15	0.09	0.07	0.07	0.08
				Quarterly Maximum	0.62	0.42	0.14	0.44	0.33
Absorber	Uranium (g U/h)	21a	0.65 ^b	Quarterly Average	0.02	0.01	0.01	0.01	0.01
				Quarterly Maximum	0.10	0.16	0.02	0.12	0.06
	Nitrogen Oxides (kg NO ₂ /h)	19b	12 ^b	Daily Average	2.9	3.6	3.4	2.8	1.9
				Daily Maximum	4.7	7.7	4.6	9.3	5.5
Incinerator	Uranium (g U/h)	29a	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	6	9	7	8	12
				Daily Maximum	64	41	20	27	54

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 UO₃ 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 remain within the range of the previous four quarters.

Table 17

Liquid Effluent Discharges									
Parameter	Units of Measure	CNSC Licence Limit	Action Level	Value	Q3 2023	Q4 2023	Q1 2024	Q2 2024	Q3 2024
Uranium	mg/l	1.7 ¹	0.2	Average	0.01	0.01	0.02	0.02	0.02
				Max.	0.03	0.03	0.03	0.04	0.10
Nitrate	mg/l as N	N/A	120	Average	6.2	7.4	8.9	3.9	5.04
				Max.	12.9	36.7	12.6	6.1	17.80
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 Min. ²	7.7	7.1	7.3	7.5	7.4
		N/A	N/A	Daily Max. ²	8.6	8.0	7.8	8.2	8.2

¹ Limit based on monthly average of weekly composite samples

² Limit based on daily discharge sample

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 UO₃ 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 ($\mu\text{g U/m}^3$) at Hi-Vol Stations by Quarter						
Quarter	Result	Golf Course	SE Yard	East Yard	Hydro Yard	Town of Blind River
Q3 2023	Average	0.0004	0.0009	0.0019	0.0001	0.0001
	Maximum	0.0008	0.0020	0.0039	0.0003	0.0002
Q4 2023	Average	0.0004	0.0007	0.0021	0.0002	0.0001
	Maximum	0.0015	0.0012	0.0041	0.0003	0.0002
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

5.0 Public Information Program

During the third quarter of 2024, BRR continued to meet the requirements of CNSC REGDOC 3.2.1, Public Information and Disclosure programs.

Public Engagement

During the third quarter Cameco provided sponsorship for several community initiatives including the Town of Blind River, Mississauga First Nation, Township of the North Shore, and the Town of Thessalon. In addition, Cameco also provided sports sponsorship for golf, pickleball, hockey and curling.

In July Cameco published the results of the spring 2024 Blind River Public Opinion Survey, conducted between May 28 and June 10 by a third-party consultant. The results indicated that Blind River residents continue to demonstrate extensive backing for local operations.

Survey highlights include:

- 92% of respondents are aware of the Refinery
- 95% of respondents expressed pride in having Cameco as part of the Blind River community
- 98% of respondents are supportive of Cameco's Blind River Refinery
- 94% of respondents describe themselves as knowledgeable about Cameco Corporation
- 89% of respondents agree Cameco has the environmental monitoring in place that protects the Blind River community
- 83% of respondents have no concerns about the Refinery
- [Blind River Polling Results 2024 | Cameco Fuel Services](#)

In September Cameco held its second annual community barbecue. This event was free to the public and geared to all ages. It provided opportunity to engage with the community, allowing leaders and subject matter experts to share information about the Refinery including results from the recent community survey. Large poster-sized boards provided information on topics such as the Refinery, benefits of nuclear, regulatory compliance, communications, and environmental protection.

Cameco continued its community spotlight sponsorship with Elliot Lake Today which features local not-for-profits.

Public Disclosure

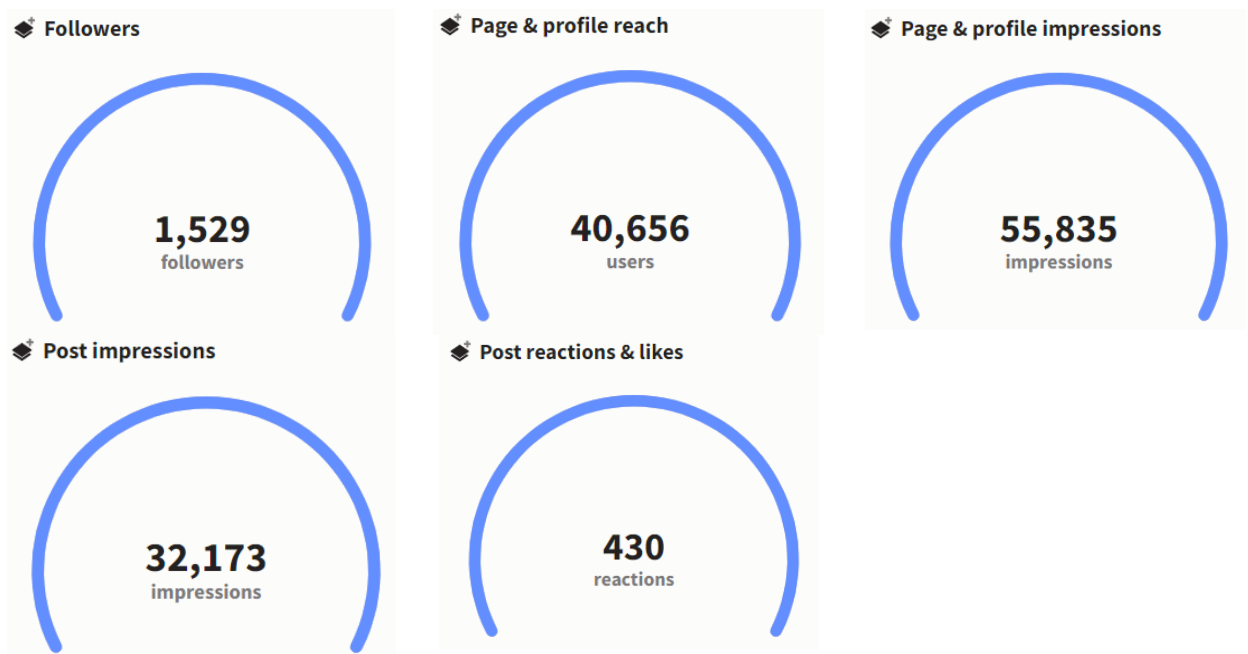
There was one public disclosure during the third quarter pertaining to a reportable leak and discharge:

During a maintenance inspection it was determined that glycol had passed through the sewage plant and was released to Lake Huron on July 1, 2024. A lab investigation estimates 70L of glycol had spilled. There was no health or safety risk posed to the public workers or the environment by this release.

- [Environment & Safety | Cameco](#)

Social Media

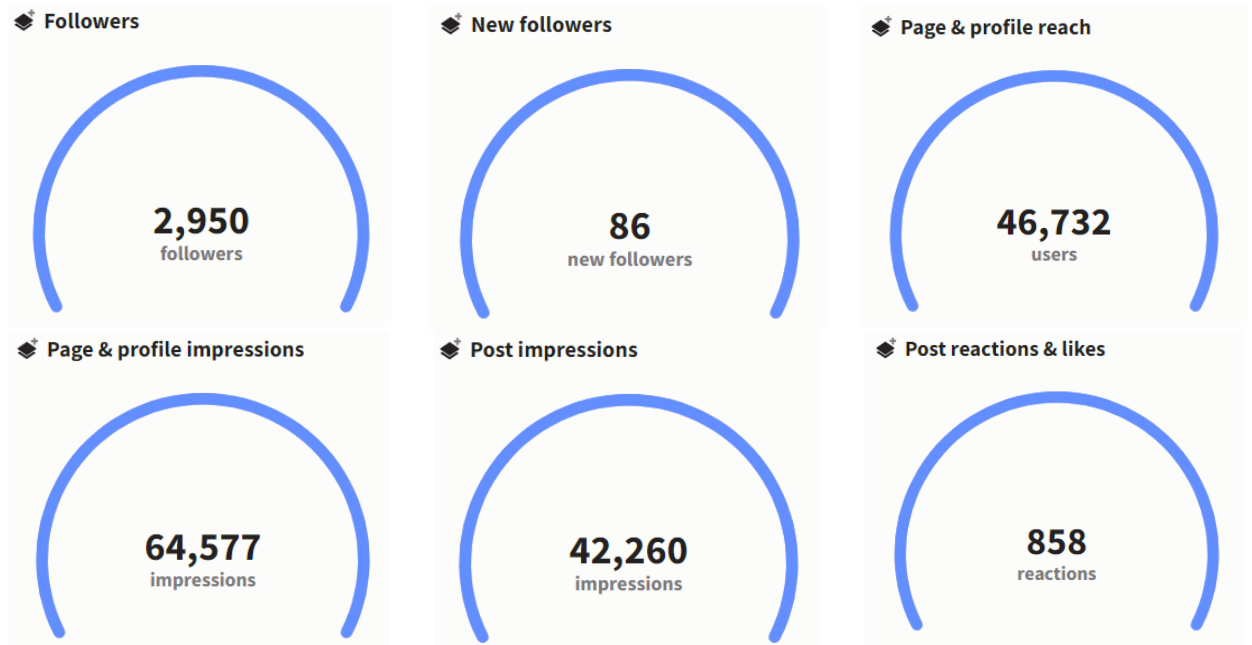
Facebook: *July 1, 2024 to September 30, 2024*



Other platforms (Instagram, X & YouTube): *July 1, 2024 to September 30, 2024*



All Platforms: *July 1, 2024 to September 30, 2024*



Top Performing Posts

f Top posts



Cameco Ontario
Sep 19, 16:04

Last Thursday, Cameco's Blind River Refinery hosted its 2nd annual Community BBQ. We were joined by over 300 guests who enjoyed a barbecued meal in beautiful Sellers Park, while learning more about Cameco's local

32 likes and reactions



Cameco Ontario
Jul 29, 22:15

Today we are proud to be with Chief Kelly LaRocca and representatives from the Mississaugas of Scugog Island First Nation to formalize our relationship. Read more: <https://www.camecofuel.com/media/news/cameco-and->

31 likes and reactions



Cameco Ontario
Aug 28, 15:25

Last week, representatives of Curve Lake First Nation were welcomed on site to safely tour our Port Hope Conversion Facility and Cameco Fuel Manufacturing. In the morning, representatives were guided through our UO₂ and UF₆

28 likes and reactions

@ Top posts



cameco_ontario
Jul 29, 22:15

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42 likes



cameco_ontario
Sep 19, 16:04

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24 likes



cameco_ontario
Aug 28, 15:25

Last week, representatives of Curve Lake First Nation were welcomed on site to safely tour our Port Hope Conversion Facility and Cameco Fuel Manufacturing. In the morning, representatives were guided through our UO₂ and UF₆

23 likes

t Top tweets



Our relationships with our workforce, Indigenous Peoples, and local communities are fundamental to Cameco's success. We highlight our social achievements in our 2023 Sustainability Report.

14.29% engagement rate



According to the most recent Port Hope third-party public opinion survey, 91 per cent of respondents support the continuation of Cameco's operations locally. Thank you to all Port Hope participants. We appreciate and value your

12.64% engagement rate



We're sharing stories from employees who contribute to Cameco's success. As General Manager of our Port Hope Conversion Facility, Dave Ingalls knows all about converting uranium into the nuclear fuel needed to

9.41% engagement rate

Summary

Cameco Ontario's 152 posts (combined across Facebook, Instagram, X and YouTube):

- Facebook: 54 posts
- Instagram: 52 posts
- X: 46 posts

These posts covered information such as:

- Key findings from our 2023 Sustainability Report

- Indigenous engagement activities
- Career opportunities
- My Cameco stories profiling Cameco employees
- Community outreach activities including Blind River's Community BBQ
- Community notices of fire alarm and speaker testing and Blind River's planned emergency response

Website

The 2024 Q2 Compliance Report was posted to the website:

- [BRR 2024 Q2 Compliance Report.pdf \(camecofuel.com\)](#)

Media Analysis

There was no media coverage regarding the Blind River Refinery in Q3.

Communication Products

2024 Polling results:

- [Blind River Polling Results 2024 | Cameco Fuel Services](#)

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.

Cameco followed up with MFN via email in August regarding items that were discussed at the June 6 meeting.

On July 3, Cameco sponsored MFN's annual Pow Wow.

On August 6, Cameco sponsored MFN's first annual golf tournament.

On September 5, the Q2 compliance report was sent to MFN via courier.

On September 12, an email was sent from Cameco to MFN with an invitation to the Blind River Community BBQ.

On September 24, Cameco sent an email to MFN to inform them of a planned emergency exercise at the Blind River Refinery.

In the past, Serpent River First Nation (SRFN) requested to receive the Blind River Refinery's compliance reports. Cameco continues that practice today. The Q2 report was sent to SRFN on September 5 via courier.

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.