2024 First Quarter Compliance Monitoring
&
Operational Performance Report

Reporting Period
January 1 to March 31, 2024

Blind River Refinery
Operating Licence
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 May 27, 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 licence and employs approximately 140 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 2024.

Contents

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 quarter.

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

The plant was down for 3 days in early January due to a failure of a raffinate expansion joint. The plant was also down for 2 days in April due to a hydro outage. The incinerator operated for 4 days during the quarter to do annual stack testing.

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

2024 First Quarter Whole Body Dose				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	67	0.03	0.00	0.19
Administration/Support	62	0.03	0.00	0.19
Operations	91	0.41	0.00	2.40
All	**220**	**0.19**	**0.00**	**2.40**

Table 2 shows the average, minimum, and maximum quarterly individual external whole-body exposures for the last five quarters. The average dose in the first quarter were within the range of the previous four quarters. The maximum dose was slightly above the maximum for 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 2023	151	0.35	0.00	2.06
Q2 2023	187	0.26	0.00	1.95
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

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 2024.

Table 3

2024 First Quarter Skin Dose				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	67	0.09	0.00	1.41
Administration/Support	62	0.09	0.00	1.02
Operations	91	2.27	0.00	15.19
ALL	**220**	**0.99**	**0.00**	**15.19**

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 maximum skin dose was slightly above the maximum skin dose in the previous four quarters.

Table 4

Skin Dose Results by Quarter				
Work Group	**Number of Individuals**	**Average (mSv)**	**Minimum (mSv)**	**Maximum (mSv)**
Q1 2023	151	1.74	0.00	14.17
Q2 2023	187	1.27	0.00	11.85
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

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.

Table 5

Quarterly Extremity Dose				
Work Group	**Number of Individuals**	**Average (mSv)**	**Minimum (mSv)**	**Maximum (mSv)**
Q1 2023	50	1.20	0.00	8.72
Q2 2023	48	1.50	0.00	13.88
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

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 2024 Eye Dose Results				
Work Group	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
NEW Contractors	67	0.06	0.00	0.54
Administrative Support	62	0.06	0.00	0.58
Operations	91	1.07	0.00	6.93
All	**220**	**0.47**	**0.00**	**6.93**

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 6.93 mSv. Direct Read Dosimeters are being used in the

Raffinate/Draff area to manage potential eye dose. Average eye doses are within the range of the previous four quarters. The maximum eye dose was slightly above the previous four quarters.

Table 7

Eye Dose Results by Quarter				
Monitoring Period	**Number of Individuals**	**Average Dose (mSv)**	**Minimum Dose (mSv)**	**Maximum Dose (mSv)**
Q1 2023	151	0.93	0.00	6.01
Q2 2023	187	0.65	0.00	5.94
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

Urinalysis

Table 8 shows the distribution of urine results for the first quarter of 2024. A total of 1738 urine samples were analyzed for uranium during the quarter. As shown in Table 8, approximately 98% of routine urine analysis results were less than 5 µg U/L in the quarter.

There were 3 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. The other twenty-six results measured above 5 µg U/L, twenty were attributed to contractor daily submissions and the remaining were attributed to routine weekly, pre and post shift submissions, none of the submissions exceeded the internal screening levels (pre-shift of 30 µg U/L and post-shift of 63 µg U/L).

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

Table 8

2024 First Quarter Urinalysis Results	
Distribution of Results	**Number of Results**
Number of Samples ≤ 5 µg U/L	1709
Number of Samples >5 to ≤ 25 µg U/L	29
Number of Samples >25 to ≤ 50 µg U/L	0
Number of Samples ≥ 50 µg U/L	0
Number of Samples Analyzed	1738
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 0.07 mSv and 0.70 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 2023	140	0.09	0.00	0.80
Q2 2023	153	0.07	0.00	0.42
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

Lung Dose

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

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.

Table 10

First Quarter Alpha Contamination Monitoring Results		
Area	**Total Number of Measurements**	**Number of Readings Above IAL**
Zone 1	316	0
Zone 2	3694	6
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 2024 is provided in Tables 11 and 12.

Table 11

2024 First Quarter Uranium In-plant Air Sampling Results				
	# of	**Average**	**Maximum**	**# of Samples above RL**
Warehouse	656	1.2	33.0	0
UO3 Lab	3	0.2	0.2	0
Calcination	559	5.6	185.0	4
Main Aisle	3	5.0	6.2	0
MAINT. SHOP	3	0.4	0.7	0
Gravimetric Feeder	93	10.4	304.9	2
Digestion	95	2.5	38.3	0
Solvent Extraction	3	0.2	0.2	0
Sump Treatment	93	7.1	29.3	0
Equipment	105	2.1	26.5	0
Aisle to Powerhouse	3	1.5	2.2	0
Boildown	16	0.2	0.3	0
Denitration	552	5.8	59.2	0
U CONC Lab	3	0.2	0.2	0
DRaff/Raffinate	925	0.5	11.3	0
Respirator Level (RL) is 90 µg U/m^3				

The maximum in-plant air sample of 304.9 µg U/m^3 which was recorded on March 9, 2024, was the result of planned work. The area was restricted. Posted a dust mask area 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/m^3)**	**Maximum Th-230 (Bq/m^3)**	**# of Samples above RL**
2022 Q4	514	0.043	0.671	44
2023 Q1	627	0.060	1.082	95
2023 Q2	504	0.040	1.569	39
2023 Q3	3	0.014	1.089	11
2023 Q4	501	0.045	1.946	35
2024 Q1	448	0.014	0.248	6
Respirator Level (RL) is 0.15 Bq/m^3 Th-230				

The maximum in-plant air sample of 0.248 Th-230 Bq/m^3 which was recorded on March 27, 2024, was the result of equipment failure in the area causing dusting. 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				
Medical Diagnostic Procedures	3				
Medical Treatment Injuries	0				
Lost Time Injuries	0				
Lost Time Injury Frequency	0				
Lost Time Injury Severity	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	**Q1 2023**	**Q2 2023**	**Q3 2023**	**Q4 2023**	**Q1 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 First Quarter Measured Fence Line Gamma Levels (µSv/h)			
Fence Line	**January**	**February**	**March**
East	2.25	2.34	3.03
*North	0.06	0.05	0.06
South	1.59	1.03	0.94
West	1.08	1.02	1.13

*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 licence 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.

Table 16

Daily Stack Emissions by Quarter									
Source	**Parameter**	**Limit**	**Action Level**	**Value**	**Q1 2023**	**Q2 2023**	**Q3 2023**	**Q4 2023**	**Q1 2024**
DCEV	Uranium (g U/h)	93a	1.1[b]	Quarterly Average	0.12	0.09	0.15	0.09	0.07
				Quarterly Maximum	0.20	0.16	0.62	0.42	0.14
Absorber	Uranium (g U/h)	21a	0.65[b]	Quarterly Average	0.02	0.01	0.02	0.01	0.01
				Quarterly Maximum	0.24	0.16	0.10	0.16	0.02
	Nitrogen Oxides (kg NO2/h)	19b	12[b]	Daily Average	3.8	3.6	2.9	3.6	3.4
				Daily Maximum	4.7	5.0	4.7	7.7	4.6
Incinerator	Uranium (g U/h)	29a	N/A	Quarterly Average	0.01	0.01	0.01	0.01	0.01
				Quarterly Maximum	0.01	0.02	0.01	0.01	0.01
All stacks	Particulate (g/h)	15,000[b]	N/A	Daily Average	9	9	6	9	4
				Daily Maximum	18	22	64	41	52

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 licence 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 remain within the range of the previous four quarters.

Table 17

Liquid Effluent Discharges									
Parameter	**Units of Measure**	**CNSC Licence Limit**	**Action Level**	**Value**	**Q1 2023**	**Q2 2023**	**Q3 2023**	**Q4 2023**	**Q1 2024**
Uranium	mg/l	1.7[1]	0.2	Average	0.02	0.01	0.01	0.01	0.02
				Max.	0.03	0.03	0.03	0.03	0.03
Nitrate	mg/l as N	N/A	120	Average	6.2	3.5	6.2	7.4	8.9
				Max.	17.5	7.5	12.9	36.7	12.6
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]	7.6	7.7	7.7	7.1	7.3
		N/A	N/A	Daily Max.[2]	8.0	8.3	8.6	7.0	7.8

[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 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 2023	Average	0.0002	0.0009	0.0035	0.0001	0.0001
	Maximum	0.0004	0.0011	0.0058	0.0002	0.0002
Q2 2023	Average	0.0004	0.0009	0.0032	0.0002	0.0002
	Maximum	0.0009	0.0020	0.0054	0.0002	0.0002
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

5.0 Public Information Program

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

Public Engagement

During the first quarter of 2024 Cameco provided sponsorships for a number or local organizations including the Iron Bridge Agricultural Society, Thessalon Fire Department, Blind River Curling Club, Thessalon Minor Hockey and the Blind River Figure Skating Club.

Cameco also supported the technology and math program fundraiser for Jeunesse-Nord High School, the winter tea fundraiser for Ste. Joseph Elementary School and the OFSAA Ontario girls' volleyball hosted by W.C. Eaket Secondary School.

Cameco arranged a facility tour with adult education; however, it was postponed.

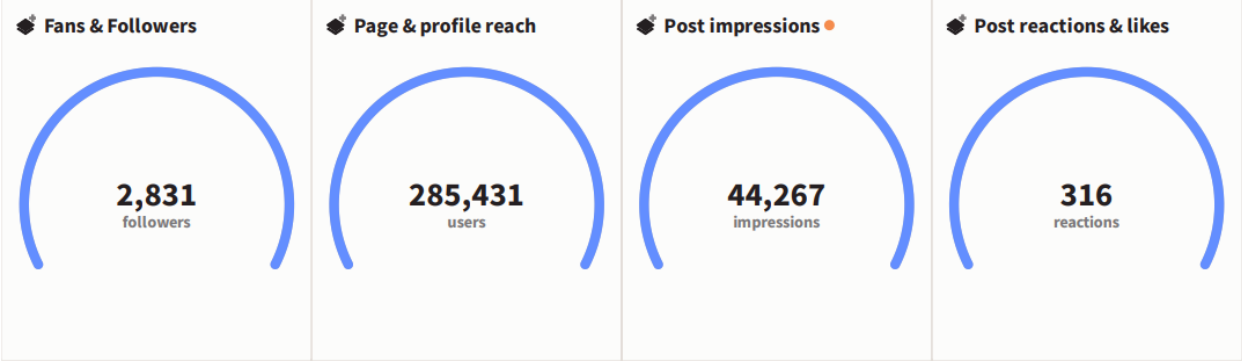
Cameco continued its community spotlight sponsorship with Elliot Lake Today which features local not-for-profits.

Public Disclosure

There were zero public disclosures during the first quarter: Environment & Safety - Refining: Blind River - Fuel Services - Businesses - Cameco

Social Media

Facebook – January 1, 2024 to March 31, 2024



Top posts

Cameco Ontario's Port Hope team is thrilled to announce the availability of our Community Care Easter Cookies! Have you

17 reactions

We're at the Canadian Nuclear Association conference in Ottawa this week - an annual hub of conversations and networking on all

17 reactions

Cameco Fuel Services Division has two positions open for a Communications Specialist in Blind River and Port Hope. Apply

12 reactions

Top posts

Step Up for Mental is returning to Cobourg on May 11th, 2024! Early Bird registration is open now! https://ow.ly/jcSN50QANS9

17 likes

Join us on May11th in Cobourg for a fun-filled day of walking, running, and raising awareness for mental health. Secure your

11 likes

Energize your career with Cameco! Cameco Fuel Manufacturing has an exciting opportunity for a student to further their

11 likes

Top tweets

Energize your career with Cameco! Cameco Fuel Manufacturing in Cobourg has a one-year contract position open for a Specialist,

4.76% engagement_rate

Cameco is pleased to see another project announced that further enhances the nuclear industry in Canada and builds on @opg's successful refurbishment at Darlington. https://twitter.com/opg/status/1752369384209907959

4.2% engagement_rate

Energize your career with Cameco! The Port Hope Conversion Facility has two job postings open: Chemical Operator, UF6 -

3.9% engagement_rate

Cameco Ontario's 64 posts (combined across Facebook, Instagram and X) covered information such as:

- Cameco's participation at the Canadian Nuclear Association's annual conference
- Career opportunities
- The Cameco Charity Golf tournament in Blind River
- My Cameco Stories

Website

The Q4 Compliance Report was posted to the website:

- Media Library - Media - Cameco Fuel Services

Media Analysis

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

Communications Products

There were no new communication products in Q1.

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.

Cameco representatives met with MFN Chief and Council members on January 19 to discuss the Preliminary Decommissioning Plan (PDP). The PDP is a financial guarantee that is reviewed every five (5) years and presented by Cameco to the Canadian Nuclear Safety Commission as a requirement of licensing. Cameco provided details on the plan, the various stages of decommissioning a facility and when stakeholder and Indigenous engagement would take place. Open discussion regarding the PDP with questions on the topic were answered during the meeting. Discussion to formalize the relationship and looking at joint areas of interest also took place during this meeting.

Cameco representatives met with Serpent River's Chief and Lands Manager virtually on January 23 to discuss the PHCF PDP and the overall PDP process. No questions or concerns were raised during the meeting.

Compliance reports for the were mailed to MFN and Serpent River First Nation on January 4 for Q3 2023 and on March 4 for Q4 2023.

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 neighbouring 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 neighbouring communities remains strong and we are committed to maintaining these strong relationships.