



CMD 26-H3.1A

Date: 2026-10-23

Supplementary Information

Presentation from Cameco Corporation

In the matter of

Cameco Corporation

Application to renew the Class IB nuclear fuel facility operating licence for the Port Hope Conversion Facility for a period of 20 years

Commission Public Hearing

November 2026

Renseignements supplémentaires

Présentation de Cameco Corporation

À l'égard de

Cameco Corporation

Demande visant à renouveler, pour une période de 20 ans, le permis d'exploitation d'une installation de combustible nucléaire de catégorie IB pour l'installation de conversion de Port Hope

Audience publique de la Commission

Novembre 2026



Powering a secure energy future

Port Hope Conversion Facility Licence Renewal Public Hearing

November 2026

Land Acknowledgement



ANISHINAABEMOWIN

Gii-izhi-gikendamang aki gaa-izhi-ayaad Cameco. Gii-izhi-gikendamang aki gaa-izhi-ayaad, gii-izhi-ayaad gii-anishinaabeg miinawaa gii-izhi-ayaad gii-anishinaabeg gikendaasowin. Cameco's Port Hope Conversion Facility and fuel manufacturing gaa-izhi-ayaad aki Michi Saagiig miinawaa Chippewa Nations, gaa-izhi-ayaad Williams Treaties First Nations, gaa-izhi-ayaad: Curve Lake, Hiawatha, Alderville, Scugog Island, Rama, Beausoleil, miinawaa Georgina Island First Nations.

ENGLISH

We respectfully acknowledge that we are meeting on Indigenous land that has been inhabited by Indigenous peoples from the beginning. We respectfully acknowledge that Cameco's facilities in Cobourg and Port Hope, are in the traditional territory of the Michi Saagiig and Chippewa Nations, collectively known as the Williams Treaties First Nations.

Cameco respectfully acknowledges that the Williams Treaties First Nations are the stewards and caretakers of these beautiful lands and waters in perpetuity, and we are grateful that they continue to maintain this responsibility to ensure the health and integrity for generations to come.

We offer this acknowledgement to reaffirm our commitment and responsibility in building meaningful relationships and to improving our own understanding of local Indigenous peoples and their cultures.



Presenters and Subject Matter Experts



KN

Kevin Nagy

Vice-President, Safety, Health,
Environment, Quality & Regulatory
Relations

AT

Andy Thorne

Vice-President, Fuel Services Division

DI

Dave Ingalls

General Manager, Port Hope
Conversion Facility

SF

Sara Forsey

Director, Government and Public
Relations

KC

Kristin Cuddington

Director, Indigenous and Community
Relations

TR

Tyler Rouse

Manager, Safety, Health, Environment
& Quality

LS

Laura Sayeau

Superintendent, Safety, Health,
Environment & Quality

BB

Brian Baley

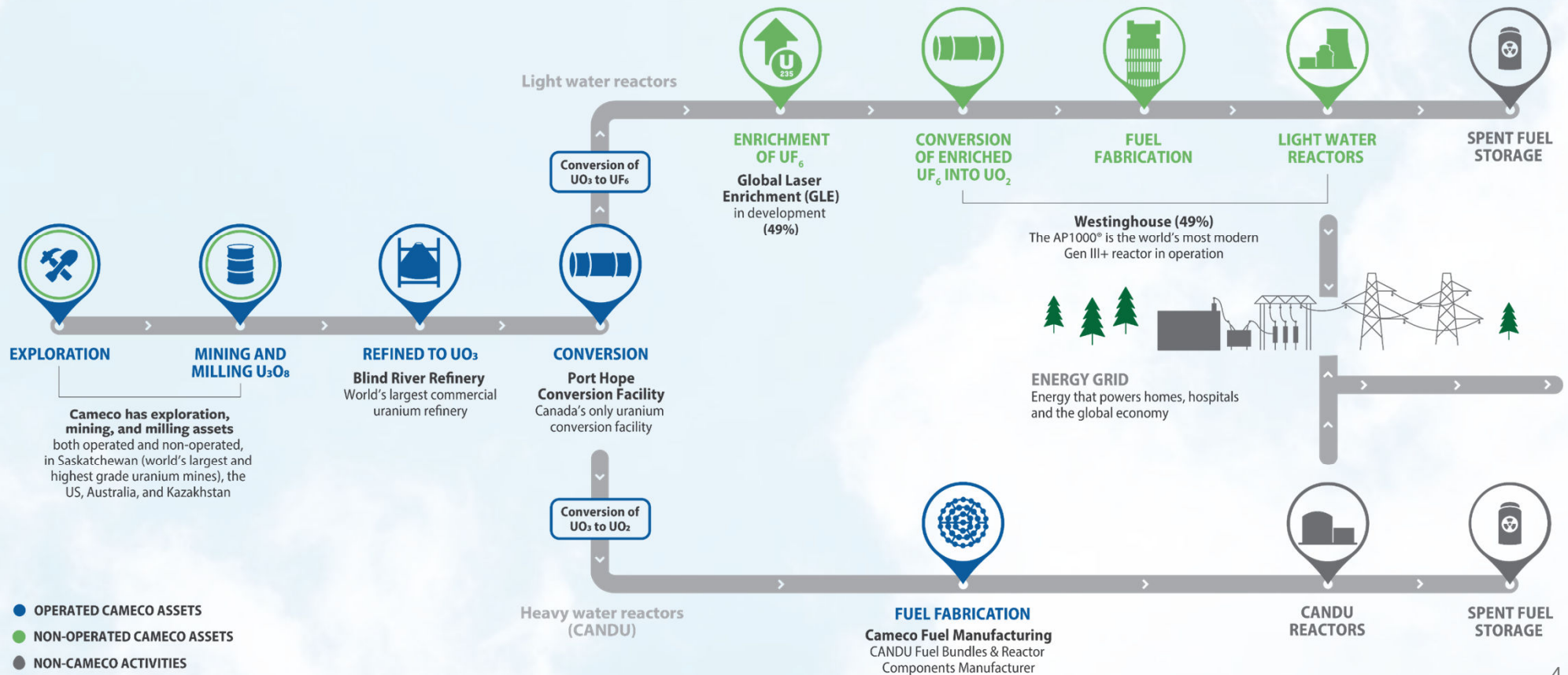
Director, Regulatory Compliance &
Licensing

BB

Brady Balicki

Director, Environment & Licensing

Nuclear Fuel Cycle



Where the PHCF Fits In



What we do here

The facility converts uranium trioxide (UO_3) into two products: uranium dioxide (UO_2) and uranium hexafluoride (UF_6).

SOLE

commercial supplier of natural UO_2 conversion for CANDU fuel

~50%

of Ontario electricity is linked to uranium processed at PHCF

1 of 2

North American facilities producing UF_6 — exported to fuel reactors worldwide

~21%

of world UF_6 conversion capacity

100%

Canadian-owned and operated

PHCF is part of a secure energy future

Our Request: a 20-year Licence



20 years

requested licence term, renewing the current 10-year licence that is valid until Feb. 28, 2027

Regulatory certainty

Facilitates longer term planning and budgeting decisions in-line with industry's long commercial timelines.

Authorized Activities

Activities are well understood – risks are well controlled.

Vision in Motion

The term covers completion of the site cleanup and renewal project already under way.

A proven operator

Mature management systems with a strong record of performance.

Ongoing Oversight, Reporting and Engagement

Throughout the licence term, we will continue to operate under regulatory oversight, engage with the public and Indigenous communities, and share compliance and environmental monitoring results with the CNSC and the public.

Licence Term Highlights: Strong Performance



Performance across the current licence period (2017-2025)

0

lost-time injuries in six of the last nine years

<<
limit

Worker and estimated public doses remained well below regulatory limits

100%

of emissions within licence limits

Worker Safety

People-first

the safety of every worker is our top priority

Programs

comprehensive safety programs, training and procedures site-wide

Learning

events are tracked and investigated in accordance with our corrective action process

People and Environment

Monitoring

air and water results within licence limits

Emissions

within licence limits across all monitored parameters

CNSC

strong performance in all safety and control areas

Licence Term Highlights: Continual Improvement



Projects over the term improved environmental management and modernized the site.

Closed-loop cooling

Surface-water intake and cooling-water returns to the harbour eliminated.



Improved site infrastructure

Stormwater, sanitary sewer, and containment upgrades, with more to come through Vision in Motion.

Fuel tanks eliminated

All underground fuel storage tanks removed from the site.

Legacy structures removed

Buildings 27 and 14, the harbour intake and cooling water pumphouse.

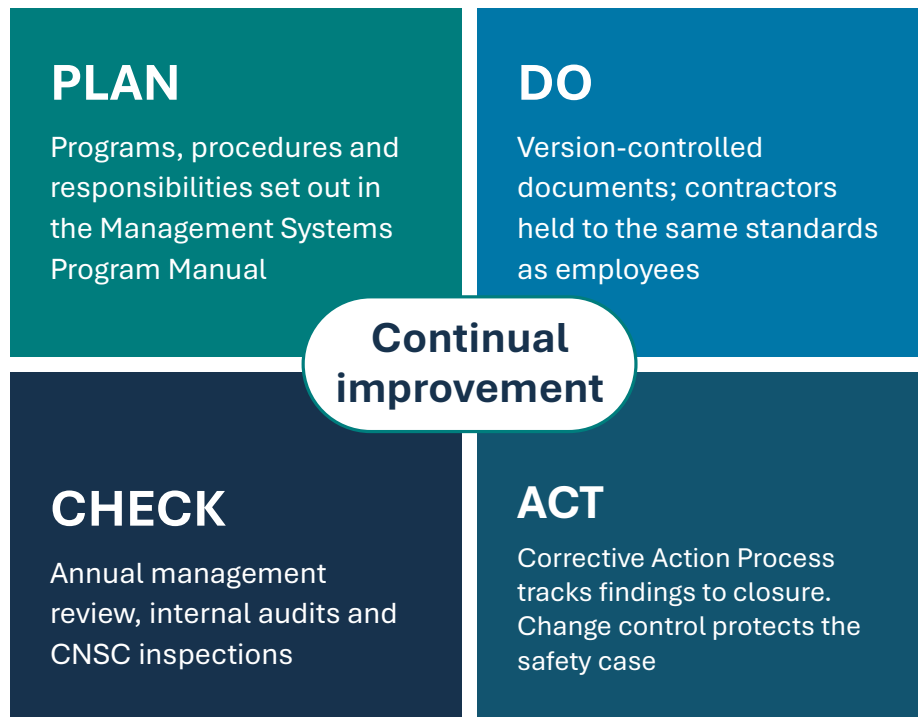
Groundwater control

Upgraded recovery wells help contain legacy contamination.

Management System: the Framework for Safe Operation



HOW OUR MANAGEMENT SYSTEM WORKS



SUPPORTING SAFE OPERATIONS

CSA N286

Program manual meets CSA N286-12 and REGDOC-2.1.1, with ongoing alignment

Safety Analysis Report

Update supports the safety basis for continued safe operations.

Environmental Risk Assessment

Review uses monitoring data to assess protection of people and the environment.

Learning from Events



2 events

required formal follow-up with the CNSC over the current licence term. Both were fully investigated, corrective actions were completed, and the regulator verified the results.

September 2017 — administrative monetary penalty

The CNSC found insufficient verification that work followed approved procedures. We strengthened controls and follow-up was verified.

April 2024 — worker fall from height

The event was reported immediately, fully investigated, and corrective actions implemented.

A strong safety culture depends on reporting openly, finding the cause and correcting it — both events are closed, with lasting improvements to how we work.

Training: a Systematic Approach



21,890

hours of training conducted in 2025, including contractor training

10-year

training plan mapping requirements for every in-scope position

Ongoing

requalification for employees and contractors

HOW TRAINING IS MANAGED

- **Systematic approach to training**

Training is built, delivered and evaluated under a systematic approach aligned to CNSC REGDOC-2.2.2, Personnel Training, and set out in the site training plan.

- **Highly trained, competent workforce**

Training covers role responsibilities, qualification and requalification for employees, contractors and temporary workers.

- **Qualified before site access**

Nuclear energy worker status, site orientation, respirator fit testing and security clearance are confirmed before anyone works on site.



Human performance management has been rated satisfactory by the CNSC throughout the current licence period.

Worker Safety: Prevention and Learning



EVERYDAY SAFETY PRACTICES

Hazard recognition and control

Formal risk assessments and change control guide safe work.

Employee-led participation

The Safety Steering Committee reviews safety issues. Any employee can initiate a permanent “Safety Win”.

Leadership field presence

Supervisor development reinforces leadership in everyday safety practices.

A CULTURE OF CONTINUOUS IMPROVEMENT

Safety culture assessments

The 2021 assessment showed continued improvement. Periodic assessments guide action plans.

Reporting every incident

Workers are encouraged to report all incidents, no matter how minor.

Ongoing safety improvements

Inspections and safety improvements help protect workers.

Worker Safety: Performance



6 of 9

years with zero lost-time injuries

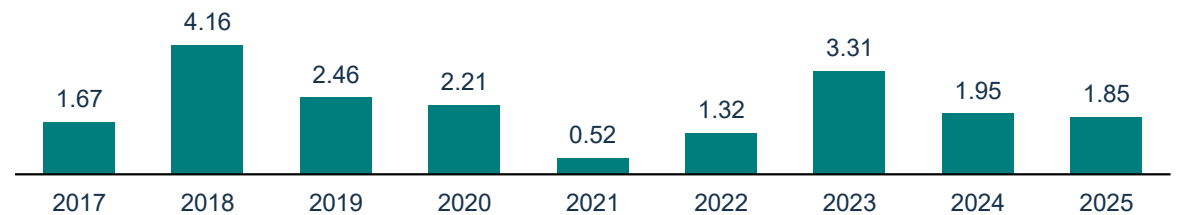
0.52

recordable injuries per 100 employees in 2021

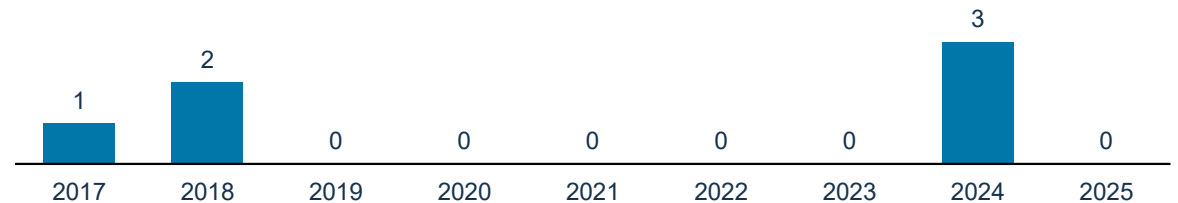
7,858,944

employee and contractor hours worked during the licence period

TRIR — injuries per 100 employees per year



Lost-time injuries — annual count



SAFETY ACHIEVEMENT

2021 and 2022 were the facility's safest years of operation, earning Cameco's Mary-Jean Mitchell Green Safety Award in both years.

Radiation Protection



01 CONTROL EXPOSURE

- Exposures kept as low as reasonably achievable (ALARA)
- Shielding, zone control and radiation work permits
- Training and respiratory protection

02 MONITOR DOSE

- External dosimetry for personal monitoring
- Internal dosimetry: urinalysis and lung counting
- Area monitoring

03 VERIFY AND IMPROVE

- Results checked against action levels and limits
- Internal audits and annual management review
- Corrective actions implemented

HOW WE CONFIRM PERFORMANCE

ALARA targets

Set yearly and reviewed by management

Action levels

Trigger investigation and corrective action well before a limit is approached

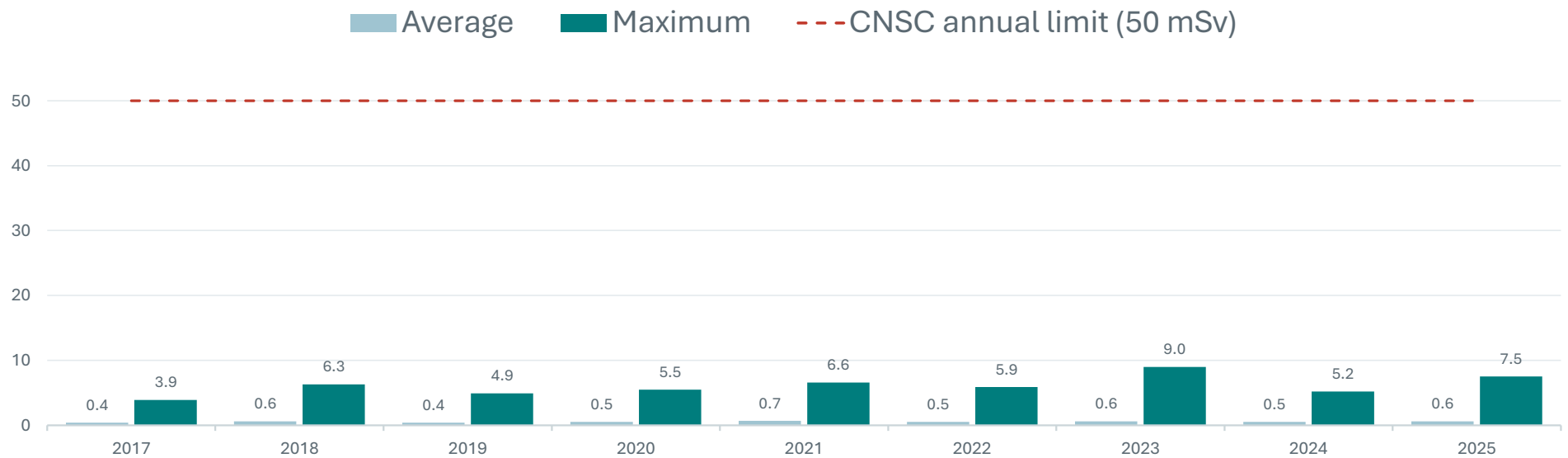
No limit exceedances

No CNSC dose limits exceeded this licence period

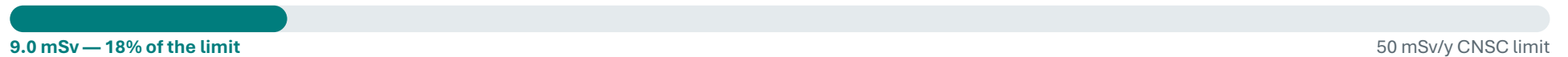
Radiation Protection: Doses Remain Well Below Limits



Total effective dose to workers (mSv)



HIGHEST SINGLE RESULT AGAINST THE 50 mSv ANNUAL LIMIT



No CNSC dose-limit exceedances during the licence period.
Corrective actions were reviewed and accepted by CNSC staff for all action level exceedances.

Environmental Protection: Built on Recognized Standards



Our Environmental Protection Program meets ISO 14001 and the CSA N288 series of environmental standards.

ISO 14001

Certified environmental management system

Corporate certification covers the systems that govern the PHCF.

Risks identified and controlled

An aspects registry keeps risks, impacts and waste under control.

CSA N288 SERIES

Environmental monitoring and risk assessment

Regularly reviewed and confirmed to remain valid.

Release limits and monitoring

Set and updated in line with CSA N288 guidance.

AUDITED AND CONTINUOUSLY IMPROVED

Every program element is audited at least once every three years, with findings driving continuous improvement across the environmental protection program.



Environmental Monitoring: Layered Protection



AT THE SOURCE

- Continuous stack sampling on main process stacks
- In-plant monitoring of air in work areas



AT THE SITE PERIMETER

- Ambient air quality
- Stormwater and groundwater monitoring
- Harbour water sampling
- Sanitary sewer sampling
- Gamma monitoring at the fenceline



Surrounding Environment

- Soil and vegetation sampling
- Off-site ambient air quality monitoring

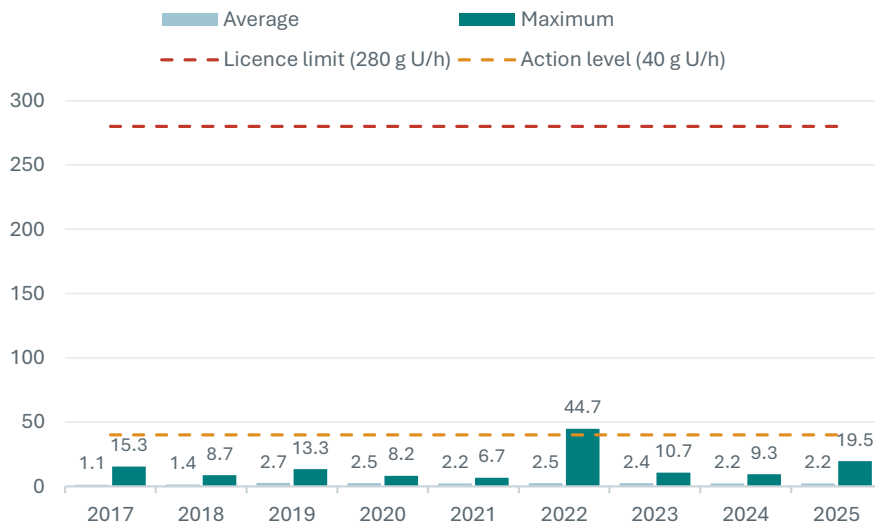
Monitoring data is incorporated into the Environmental Risk Assessment, which demonstrates human health and the environment remain protected.

All monitoring results are compared against action levels and limits.

Air Emissions: A Small Fraction of Limits

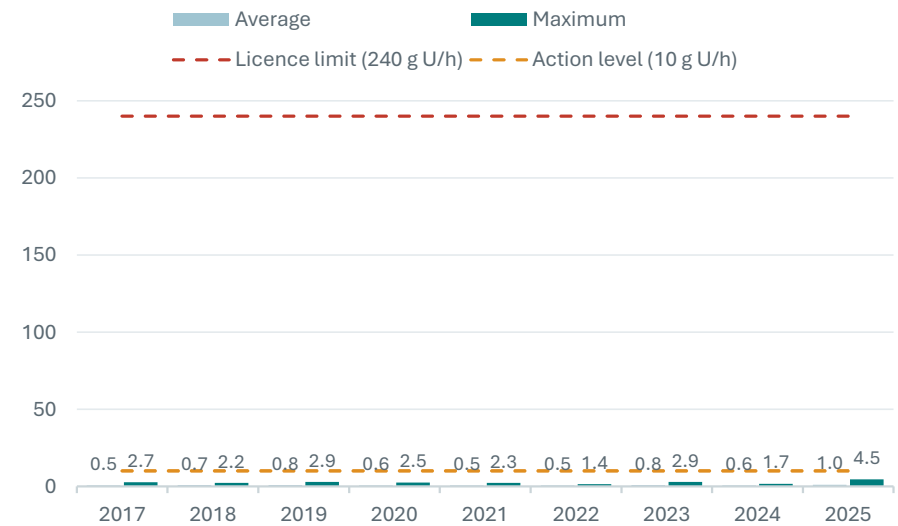


Source: UF₆ plant main stack uranium (g U/h)



Licence limit 280 g U/h; action level 40 g U/h. One action level exceedance during the term, traced to reduced scrubbing efficiency during maintenance.

Source: UO₂ plant main stack uranium (g U/h)



Licence limit 240 g U/h; action level 10 g U/h. Daily maximums stayed below the action level every year of the licence period.

Continuous source monitoring

Independent compliance testing

Daily ambient air sampling

Sewer Upgrades: Improving Performance



Sanitary sewer monitoring and improvements

2017–2023



Investigation

Investigations linked action-level exceedances primarily to groundwater infiltration through aging or inactive infrastructure.

Since April 2023



No exceedances

No sanitary sewer action-level exceedances or release-limit exceedances, as reported in the CMD.*

2024



Sewer upgrade

Completion of targeted sewer line rehabilitation or replacement.

Sewer uranium loadings decreased from 6.0 kg in 2022 to 0.76 kg in 2024 and 0.60 kg in 2025.

* In June 2024, the action level changed to a monthly mean of 150 µg/L. The monthly mean release limit remains 275 µg/L.

Emergency Preparedness



~5,000

training hours a year across the response team

A trained team, tested often, alongside community partners.

PEOPLE AND PRACTICE

01 Trained response team

About 80 hours of training a year for each member.

02 Regular drills

Fire, medical, evacuation and hazardous-material scenarios.

03 Tabletop exercises

Testing decisions and coordination across the team.

PARTNERS AND PROGRAMS

04 Joint exercises

Training alongside Port Hope Fire and Emergency Services.

05 Municipal agreement

Cameco provides equipment and training to the fire service.

06 Programs kept current

Updated for site changes; fire hazards analysis meets NFPA 801.

Vision in Motion



WHAT IT IS

Clean-up & renewal of the Conversion Facility site, addressing waste inherited from historical operations.

WHERE THE WASTE GOES

Long-Term Waste Management Facility receives eligible material from the site.

WHY IT MATTERS

Site revitalization that supports community planning objectives as much as possible.



>70%

of legacy waste has been removed, with eligible material continuing to move to the Long-Term Waste Management Facility.

Vision in Motion: Cleaning Up and Renewing PHCF



TIMELINE MILESTONES

Early 2000s



VIM begins

2018 onward



Legacy waste transfers
begin

2024



Award-winning demolition
of Building 27

2026



New warehouse
construction on B27
footprint

PROJECT HIGHLIGHTS

>70% less legacy waste

Reduced operational footprint planned through VIM

**3,000 containers shipped
to the LTWMF**

Building 27 - 125,000 hours to safely complete

Vision in Motion addresses legacy waste inherited from previous operations.

Vision in Motion: Next-Term Priorities



Upcoming Work

- 01** Building demolition.
- 02** Complete new warehouse construction.
- 03** Soil remediation and stabilization in existing warehouse footprint and immediate vicinity.
- 04** New flood wall construction.
- 05** Improvement of stormwater systems.
- 06** Ship remaining legacy material to LTWMF.

Eligible material continues to move to the Long-Term Waste Management Facility.

Indigenous Engagement



Scugog Island First Nation representatives visit PHCF

We are proud of the progress we have made together and recognize the opportunities ahead to continue learning, growing and strengthening our relationships.

Relationships with First Nations

Relationships with the Williams Treaties First Nations, built over the licence term through a shared interest in learning and growing together.

Licence renewal engagement

Our Indigenous Engagement Report details our early and ongoing outreach and engagement with Indigenous Nations and communities for this application.

Our Indigenous engagement program aligns with CNSC
REGDOC-3.2.2.

Indigenous Engagement: Building Relationships



Engagement near the Port Hope Conversion Facility includes the following Williams Treaties First Nations:

**Curve Lake First
Nation**

**Mississaugas of Scugog
Island First Nation**

**Hiawatha First
Nation**

Alderville First Nation

FOUR PILLARS OF OUR COMMITMENT

**Education &
Workforce
Development**

**Business
Development**

**Community
Investment**

**Community Engagement
and Environmental
Stewardship**

How We Engage



Regular meetings

Ongoing meetings to share updates and hear questions and concerns.



Licensing notification

Timely notification of licensing activities.



Environmental

Environmental performance and monitoring results shared and discussed.



Community presence

Taking part in community events and gatherings.



Information sharing

Reports, newsletters and updates shared openly and as agreed.



Cultural learning

Opportunities to learn from one another and build understanding.



Cameco cultural learning visit to Curve Lake First Nation, 2024.

**This engagement continues
through every year of a
20-year term.**

Public Information and Disclosure



Ongoing outreach

Ongoing outreach with neighbours, interested groups, organizations and the public.

Open and timely information

Clear information shared openly and promptly. Community feedback shapes our communication and engagement.



JUNE 10, 2026
MEMORIAL PARK
PORT HOPE
4 - 6:30 PM

... *RSVPs encouraged* ...

cameco_ontario@cameco.com

FOOD AVAILABLE WHILE SUPPLIES LAST

Meet our subject matter experts and learn more about Cameco's operations!

CNSC REGDOC-3.2.1

Our public information and disclosure program complies with CNSC REGDOC-3.2.1.

Keeping Port Hope & Area Informed



YEAR-ROUND, IN THE COMMUNITY

Community BBQ

Annual neighbourhood barbecue

Port Hope Fall Fair

Annual booth meeting residents

Facility tours

Guided site tours for the community

Energize newsletter

Plain-language updates delivered to homes

Cameco Ontario online

Timely updates online and on social media



FOR THE LICENCE RENEWAL

Licence briefing booklet

Plain-language renewal guide

Dedicated renewal webpage

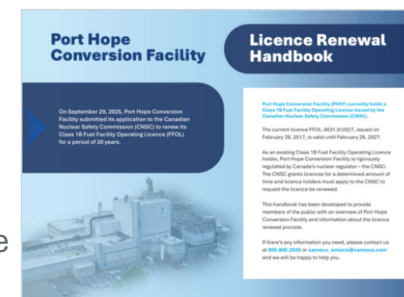
Dates, documents and how to take part

Cameco 101 at the Capitol Theatre

Public presentation on what we do and how we are regulated

Social media

Posts pointing residents to hearing information



We share information openly and promptly: in person, in print and online.

Public Support: Polling and Interventions



94%

support continued operations in Port Hope

A record high, up from 91% in 2024 — including 73% who are strongly supportive.

92%

support our application for a 20-year licence

Asked for the first time in 2026 — including 71% who are strongly supportive.

WHAT RESIDENTS TOLD US IN THE 2026 SURVEY

86% are proud to have Cameco here

91% say Port Hope is safe and healthy

85% agree monitoring protects health

SUPPORT THROUGH THE INTERVENTION PROCESS

~85% of licence-renewal interventions supportive

All three levels of local government

Emergency services and employees

The community supports a 20-year licence.

Committed Engagement for the Full Licence Term



Our commitments stay the same.

PUBLIC ENGAGEMENT

Open, ongoing dialogue

Many channels to reach people, every year of the term.

Transparent reporting

Compliance and environmental results shared publicly.

INDIGENOUS ENGAGEMENT

Williams Treaties First Nations

Ongoing with Curve Lake, Scugog Island, Hiawatha and Alderville First Nations.

Shared learning and growth

Continuing to learn, listen and evolve together.

OUR COMMITMENT FOR A 20-YEAR TERM

Open communication and meaningful engagement — for the full term.

Transparency

Public engagement

Indigenous engagement

Continuous improvement



Join Friends of the Port Hope Public Library and Cameco for a free **Cameco 101** Community Presentation

In this edition:

- Join Friends of the Port Hope Public Library and Cameco for a free 'Cameco 101' Community Presentation
- Behind-the-scenes: Cameco's commitment to safety at our facilities and in the Port Hope community
- Cameco proudly supports Rez Gas at the Capitol Theatre

[Read this edition online >](#)

Strong Performance, Clear Priorities for the Next Licence Term



SAFE OPERATIONS



Maintain mature safety, health, environment and quality management systems.

VISION IN MOTION



Continue legacy waste removal, remaining building removals and targeted remediation.

MODERNIZE INFRASTRUCTURE



Advance stormwater, sanitary, groundwater, flood protection and containment improvements.

KEEP MONITORING



Use environmental data, risk assessments and corrective action to drive continual improvement.

PHCF has demonstrated strong performance across all safety and control areas and is positioned to safely continue its role in the nuclear fuel cycle.

Qualified for a 20-Year Licence



Cameco is qualified for the requested 20-year term and remains committed to protecting workers, the public and the environment.

Proven performance

Strong performance reflects our operating experience and the strength of our people, programs and practices.

Effective systems and controls

Mature management systems guide all safety and control areas and manage change. Our licensed activities are well understood and supported by robust controls.

Unchanged scope

We will continue operations within the established licensing basis, with ongoing engagement.