



Energizing a clean-air world

Blind River Refinery Licence Renewal

Terry Davis

February 16, 2021



A Cameco Safety Moment

"my personal commitment to safety..."



Today's Agenda



WHO WE ARE &
WHAT WE DO



LICENCING



OUR
PERFORMANCE
RECORD



IN THE COMMUNITY

The Blind River Refinery

Overview



- Operating since 1983
- World's largest commercial uranium refinery
- Situated at the confluence of the Mississaugi River and Lake Huron
- CNSC licensed site – 28 acres
- 608 acre-controlled zone
- 481-acre lease option
- Located 1 km from nearest neighbour

The Blind River Refinery

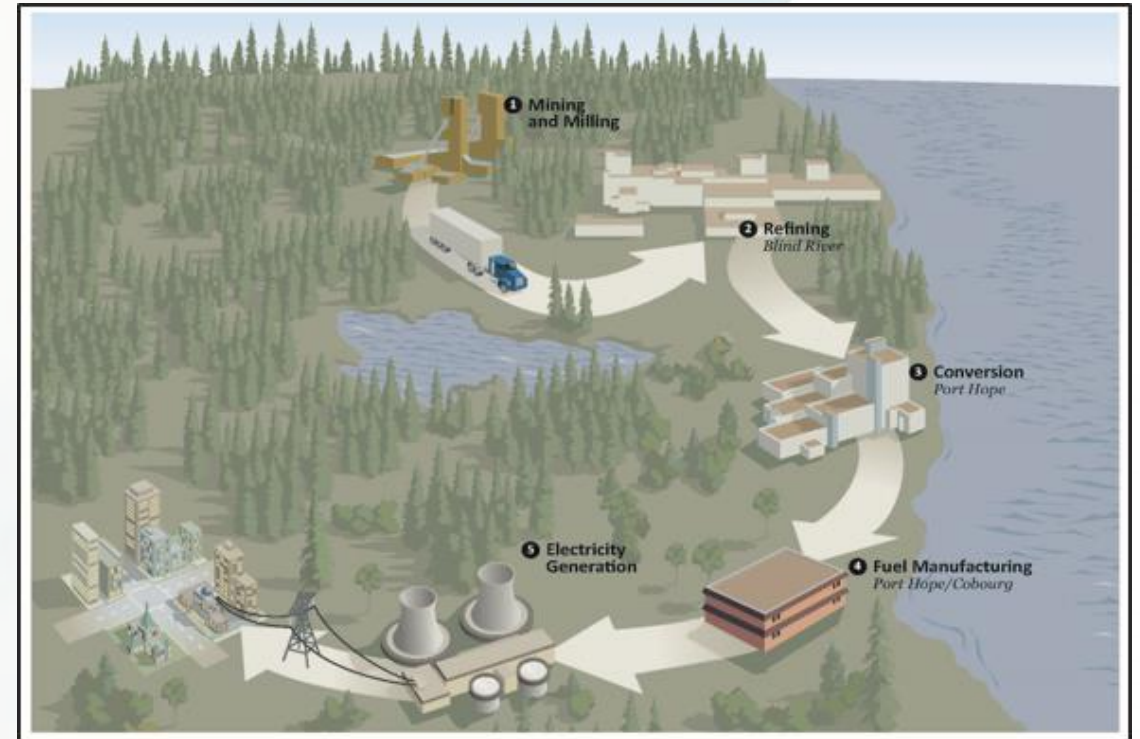
Part of the Nuclear Fuel Cycle



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Uranium ore concentrates are shipped here from mines around the world including Canada, Australia and the U.S.

The facility includes a processing plant, water treatment plant, power plant and analytical labs.



The Blind River Refinery

Overview



100% Cameco
Ownership



140
Employees



Licensed to 2022
by the Canadian
Nuclear Safety
Commission



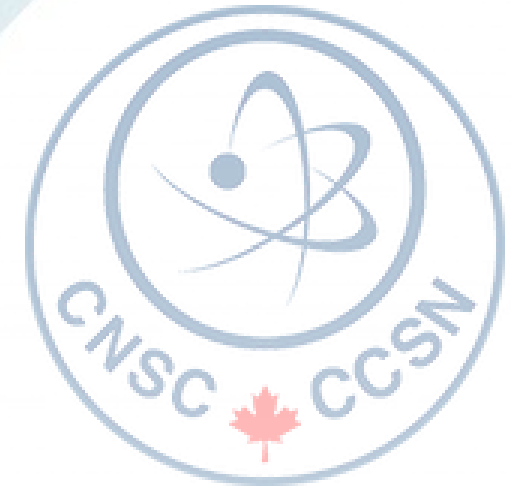
Licence
Capacity 18m
kgU of UO₃

Our Licence

Current Licensing Period



- Regulated by the Canadian Nuclear Safety Commission (CNSC)
- Current licence is valid until February 22, 2022
- In full compliance with our current licence and all applicable regulations
- Strong safety and compliance record throughout the current licence period



Our Licence

Renewing our Licence for a 10-Year Period



Applied to the CNSC in September 2020 to renew our operating licence for a 10-year period

No changes being requested in licence application

Our Licence

Understanding the Process



APPLICATION SUBMITTED
BY LICENSEE



CNSC STAFF CONDUCT
TECHNICAL REVIEW



CNSC ANNOUNCES
PUBLIC HEARING
DATES AND DATES TO
REQUEST TO
INTERVENE



CNSC ANNOUNCES
DETAILS OF PARTICIPANT
FUNDING PROGRAM



DEADLINE FOR
INTERVENTIONS



PUBLIC HEARING –
WEBCAST LIVE



RECORD OF DECISION

Interventions

Participating in the Licence Renewal Process



CNSC's Public Commission Hearings provide an important opportunity for interested parties to share relevant information and/or expertise that may be useful to the Commission in making their decision

Intervention process is owned by the CNSC

It is for everyone. You don't have to be a scientist or have a technical background

We will provide more information to you once the CNSC has announced dates and information about the intervention process for the BRR licence renewal

- Submission deadline expected in October for November hearing

Our Performance

Protection of people and the environment is our top priority



- Long history of safe and responsible operations
- Committed to safeguarding the health and safety of our employees, contractors and members of the public – this means we:
 - Continuously improve
 - Comply with all health and safety regulations
 - Maintain all required programs, plans and procedures
- Highly engaged workforce
- Compliant with all CNSC regulations and additional regulatory bodies including:
 - Environment and Climate Change Canada
 - Employment and Social Development Canada
 - Ontario Ministry of the Environment, Conservation & Parks

Our Performance

Safety and Control Areas



The CNSC regulates 14 Safety & Control Areas:

- Management System
- Human Performance Management
- Operating Performance
- Safety Analysis
- Physical Design
- Fitness for Service
- Radiation Protection
- Conventional Health & Safety
- Environmental Protection
- Emergency Management & Fire Protection
- Waste Management
- Security
- Safeguards and Non-Proliferation
- Packaging and Transport

Consistently maintained strong operational and safety performance in all 14 SCAs throughout the licensing period

BRR's Facility Licensing Manual provides an overview of how we meet these requirements, and our performance is publicly available in our quarterly and annual compliance reports

- [Blind River Refinery - Business - Cameco Fuel Services \(Licensing Manual\)](#)
- [Media Library - Media - Cameco Fuel Services \(Compliance Reports\)](#)

Our Performance

Environmental

Robust and mature environmental protection program includes:

- air and water emission monitoring
- surface and groundwater monitoring
- high-volume air sampling (at BRR and in town of Blind River)

All emissions are just a fraction of the regulatory limits

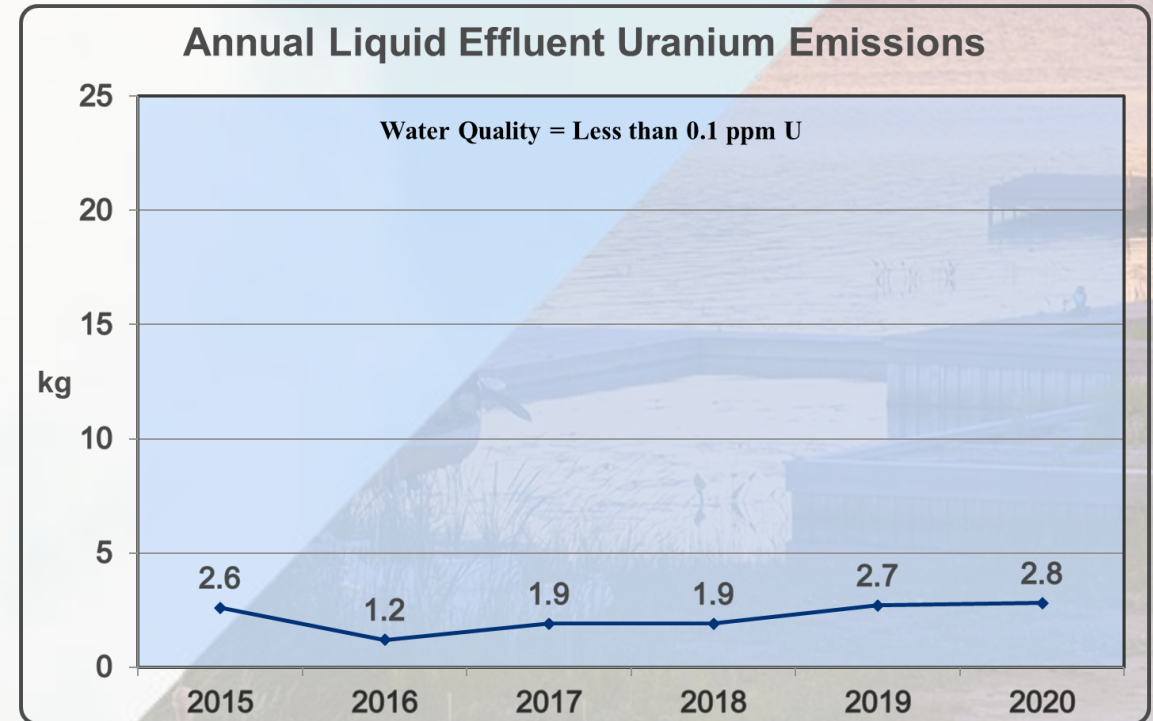
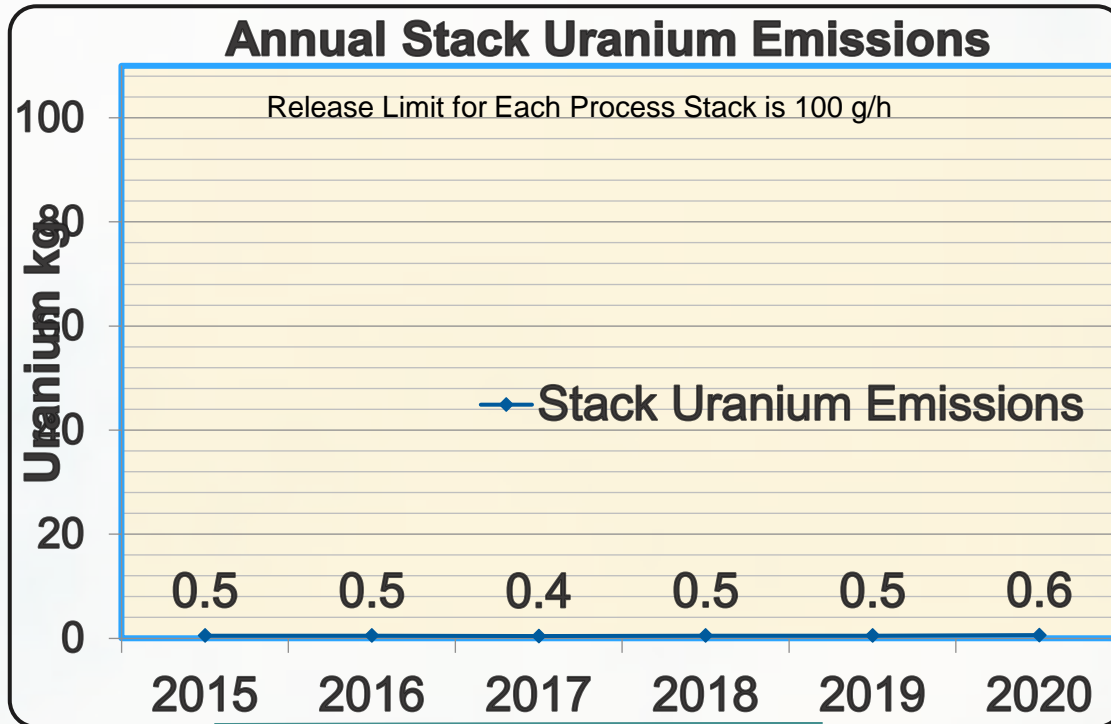
No environmental incidents during the current licence period

Our Performance

Data



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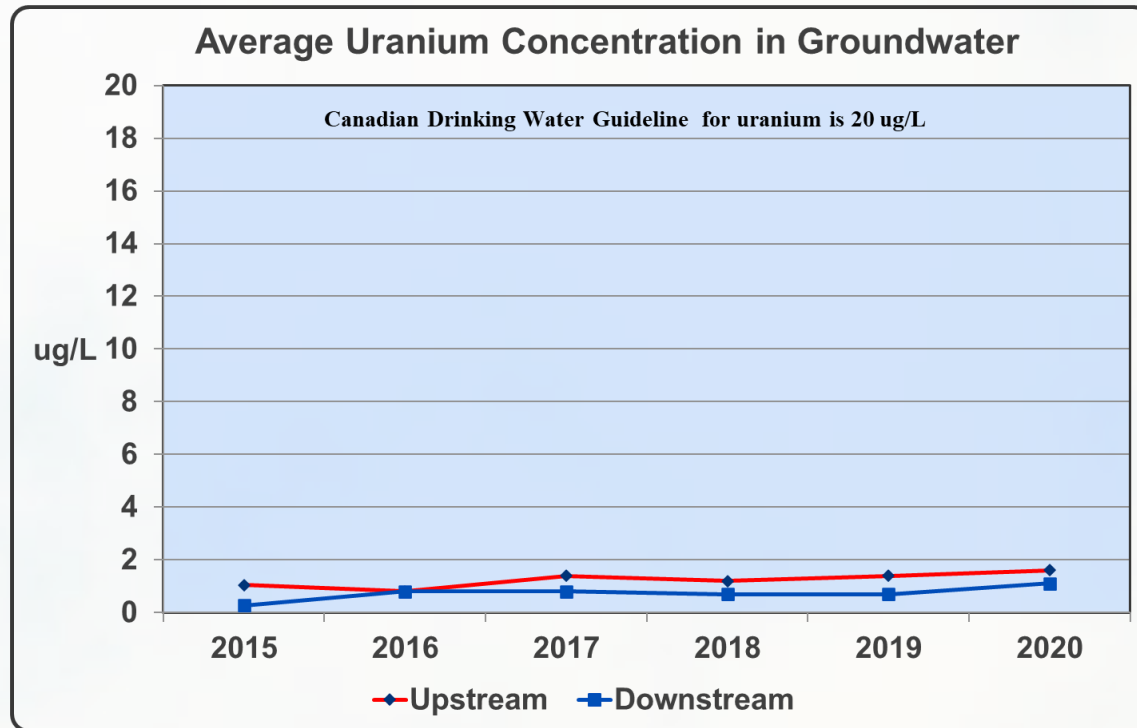


Our Performance

Data



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In the Community

Information and Investment



We are proud to be an active and responsible member of the Blind River community

We are committed to making a difference

We are committed to providing timely, accurate information to stakeholders, Indigenous groups and members of the public

Public Opinion Polling every three years – coming in March 2021

- 2018 results revealed that 97% of respondents are supportive of Cameco's continued operations in Blind River



In the Community

Keeping the Community Informed



We make information about of operations and activities available several ways:

- Meetings/presentations
- Tours (currently suspended due to COVID-19)
- Social Media  @Cameco.Ontario  @CamecoOntario  @Cameco_Ontario
- Camecofuel.com

Public Disclosure Protocol

- [Public-Disclosure-Protocol-Cameco-Ontario-Operations.pdf \(camecofuel.com\)](#)

Environmental Incident Reporting

- [Environment & Safety - Refining: Blind River - Fuel Services - Businesses - Cameco](#)

In the Community

Making a Difference



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- Support dozens of local organizations every year including schools, food banks, hospitals and various local projects.
- Our employees give back through the Annual Giving Campaign



All photos were taken prior to the COVID-19 pandemic


Thank you!



- Questions?

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