



Event Initial Report

Rapport initial d'événement

Cameco Corporation

Workplace injury at Cameco
Corporation's Port Hope Conversion
Facility

Cameco Corporation

Blessure au travail à l'installation de
conversion de Port Hope de Cameco
Corporation

Commission Meeting

Réunion de la Commission

May 22, 2024

Le 22 mai 2024

EVENT INITIAL REPORT (EIR)

E-DOCS-# 7265157

EIR: Workplace Injury at Cameco Corporation's Port Hope Conversion Facility

Prepared by: DNCFR-NPFD

Licensee: Cameco Corporation

Location: Port Hope, ON

Date Event was Discovered: 2024-04-09

Have Regulatory Reporting Requirements been met?

Yes No

Proactive Disclosure:

Licensee: Yes No

CNSC: Yes No

Overview

Reporting Criteria:

General Nuclear Safety and Control Regulations (SOR/2000-202)

29 (1) Every licensee who becomes aware of any of the following situations shall immediately make a preliminary report to the Commission of the location and circumstances of the situation and of any action that the licensee has taken or proposes to take with respect to it:

h) A serious illness or injury incurred or possibly incurred as a result of the licensed activity

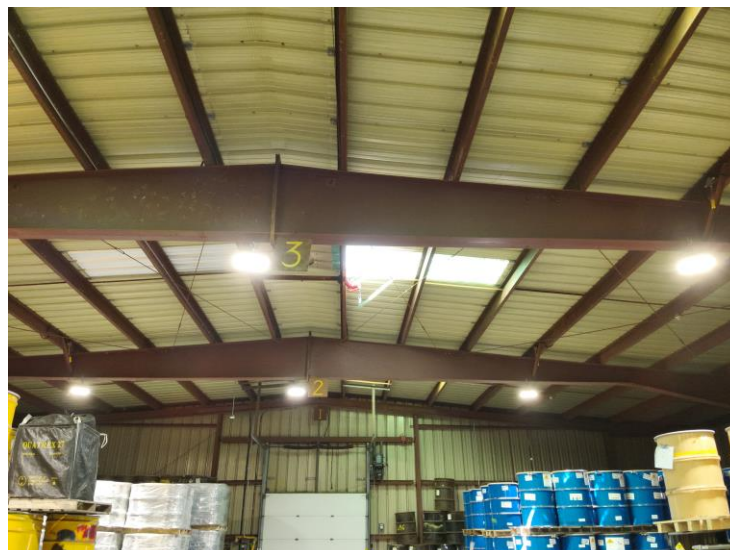
Description: The event occurred on April 9, 2024, at approximately 13:16.

On April 9, 2024, Cameco Port Hope Conversion Facility (PHCF) staff contacted the CNSC duty officer to report that a worker had been injured after a fall from heights at PHCF's Site 2 (Cameco's Dorset Street property).

Site 2 is located at 158 Dorset Street East in Port Hope, Ontario and is approximately 1.5 km north-east of the main PHCF property. It is a fenced property with two buildings on site: Buildings 64 and 65. Both buildings are used to store waste material. The roofs of both buildings were outfitted with translucent panels, which allowed natural light into the buildings. These panels were part of the original design when the buildings were erected in 1967. Due to the age and condition of the panels, a decision was made by Cameco to replace them with metal roofing panels.

On April 9, 2024, the contracting company, H.M. Brooks, was replacing panels on the Building 64 roof. An aerial work platform (AWP) was used to access the roof. The work crew consisted of a spotter on the ground, and two workers that accessed the roof using the AWP. For the safety of workers, the Fall Protection and Rescue Plan for the job requires 100% tie-off, meaning the worker must always be attached to a fall protection device while in the AWP (attached to the AWP) and the roof (attached to roof anchors that are affixed to the building). At approximately 13:16, the spotter for the roof contacted PHCF security and advised that a worker had fallen through the roof. The fall was approximately 25 feet through a translucent panel to the concrete floor (Figure 1).

Figure 1: Building 64 after the fall injury with dislodged translucent panel visible in centre of photo. (Source: Cameco)



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At 13:20 two PHCF security guards / emergency response team members responded to Building 64, conducted a primary assessment of the worker and took measures to assess the worker's condition. At 13:22, PHCF security called 911. At approximately 13:27, the Northumberland Paramedic Service Superintendent arrived on scene and took over care of the worker. At approximately 13:50 an ambulance arrived, and the worker was stabilized; however due to the nature of their injuries, the decision was made to call an air ambulance. The air ambulance arrived at Site 2 at 14:18 and left with the worker at 14:22, transporting the worker to a Toronto hospital. It was later reported that the worker was in a stable condition and was being treated for injuries.

In addition to the CNSC, Cameco notified the Municipality of Port Hope. Cameco also initiated an investigation of this event in accordance with Cameco's Corrective Action Process and H.M. Brooks is also doing an investigation. H.M. Brooks notified the Ministry of Labour, Training and Skills Development (MLTSD) for the Province of Ontario. The MLTSD commenced an investigation and was on-site on April 10, 2024. As this is a construction accident involving a contractor that is regulated by MLTSD, MLTSD holds the primary responsibility for investigating this occupational health and safety incident.

Cause(s): Due to the severity of the event, Cameco has a root cause investigation underway and will provide CNSC staff with a summary of the causes and corrective actions once the investigation is complete.

Cameco's initial review of the incident indicated that the injured worker's self retracting lanyard (SRL) was attached to the anchor point at the roof peak, but the worker had not been connected to it or any other device. The documentation gathered confirmed that a safety clearance had been performed for the work that day and that a Fall Protection and Rescue Plan had been created and signed off by all workers involved. Further, all workers had up to date fall protection training and the plan required 100 % tie off at all times.

Much of the information provided above was derived from Cameco's Detailed Event Report, submitted to the CNSC in response to the event. As there is an ongoing investigation by MLTSD into the root cause of this event, this information reflects the observations, conclusions, opinions, etc. of Cameco. In no way, should it be construed that this information reflects the observations, conclusions, opinions, etc. of MLTSD.

Impact of the Event

On People:

How many workers have been (or may be) affected? One (1)

How many members of the public have been (or may be) affected by the event? None (0)

How were they affected?

One worker from H.M. Brooks was transported to a Toronto hospital by air ambulance and was treated for serious injuries.

On the Environment: None

Other Implications: None

Licensee Actions

Taken or in Progress:

Cameco took the following initial / interim actions:

- PHCF security contacted 911 and two security responders went to Site 2 to conduct a primary assessment of the worker and take measures to assess his condition.
- Cameco notified the Municipality of Port Hope and the CNSC.
- The contractor, H.M. Brooks, notified the Ontario Ministry of Labour, Immigration, Training, and Skills Development.
- A summary of the event was posted to Cameco's [website](#).
- Cameco initiated a root cause investigation into the event.
- Cameco Emergency Response Team members, qualified in rope rescue, utilized a double-safety fall restraint system to go on the roof and patch the hole.
- Work at Site 2 has been restricted, with a few exceptions:
 - a) Workers are allowed to enter for the purpose of preparing for International Atomic Energy Agency and CNSC inventory taking.
 - b) The site continues to be accessed for regulatory work, such as fence line badge changes, security patrols and

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preventative maintenance for emergency lighting.

c) No maintenance work is permitted at this time.

d) On April 30, 2024, drum filling work resumed for Cameco's Vision in Motion project.

- Cameco submitted a Final Event Report on April 30, 2024.

Planned:

- Cameco will continue to restrict work at Site 2 until its investigation is complete and will not continue the roofing work until a suitable plan is developed and approved.
- Cameco will complete the root cause investigation and share a summary of the causes and corrective actions with the CNSC.
- Cameco will notify the CNSC of any actions resulting from the MLTSD investigation.

CNSC Actions

Taken or in Progress:

The following actions were taken by the CNSC as a response to the event:

- CNSC staff had call with Cameco staff on April 9 to discuss the event.
- CNSC staff had a virtual meeting with Cameco staff on April 10 to discuss the event.
- CNSC staff notified the Registry of the event on April 11.
- CNSC staff requested and received Cameco's responses to CNSC staff follow-up questions on April 10 and 16, 2024.
- A summary of the event was posted to CNSC's [website](#).
- CNSC staff had calls with the MLTSD inspector on April 22, 2024 and May 1, 2024, to discuss status of MLTSD investigation.
- CNSC staff reviewed the Final Event Report submitted by Cameco on April 30, 2024.
- A CNSC inspector conducted a follow-up visit on May 6, 2024 at Site 2.

Planned:

- CNSC staff will review the summary of the causes and corrective actions once Cameco's root cause investigation is complete.
- CNSC staff will continue to maintain contact with MLTSD regarding their ongoing investigation.
- CNSC staff plan to follow-up on the matter during a planned CNSC inspection in July 2024.


Additional reporting to the Commission Members anticipated:

Yes

No

If Yes, provide method of reporting: Update will be provided through the Regulatory Oversight Report for Uranium and Nuclear Substance Processing Facilities: 2024.

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Name and Title	Signature
<p>Luc Sigouin Director General, Directorate of Nuclear Cycle and Facilities Regulation</p>	<p style="text-align: right;">2024-05-08</p> <p style="text-align: center;"> _____</p> <hr/> <p>Signed by: Sigouin, Luc Director General</p> <p style="text-align: right;">Date</p>