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Supplementary Information

Renseignements supplémentaires

Presentation from the Canadian Nuclear Laboratories

Présentation des Laboratoires Nucléaires Canadiens

Canadian Nuclear Laboratories

Laboratoires Nucléaires Canadiens

Mid-Term Update of Licensed Activities for the Chalk River Laboratories Site

Rapport de mi-parcours au sujet des activités autorisées sur le site des Laboratoires de Chalk River

Commission Meeting

Réunion de la Commission

November 1, 2023

1er novembre 2023

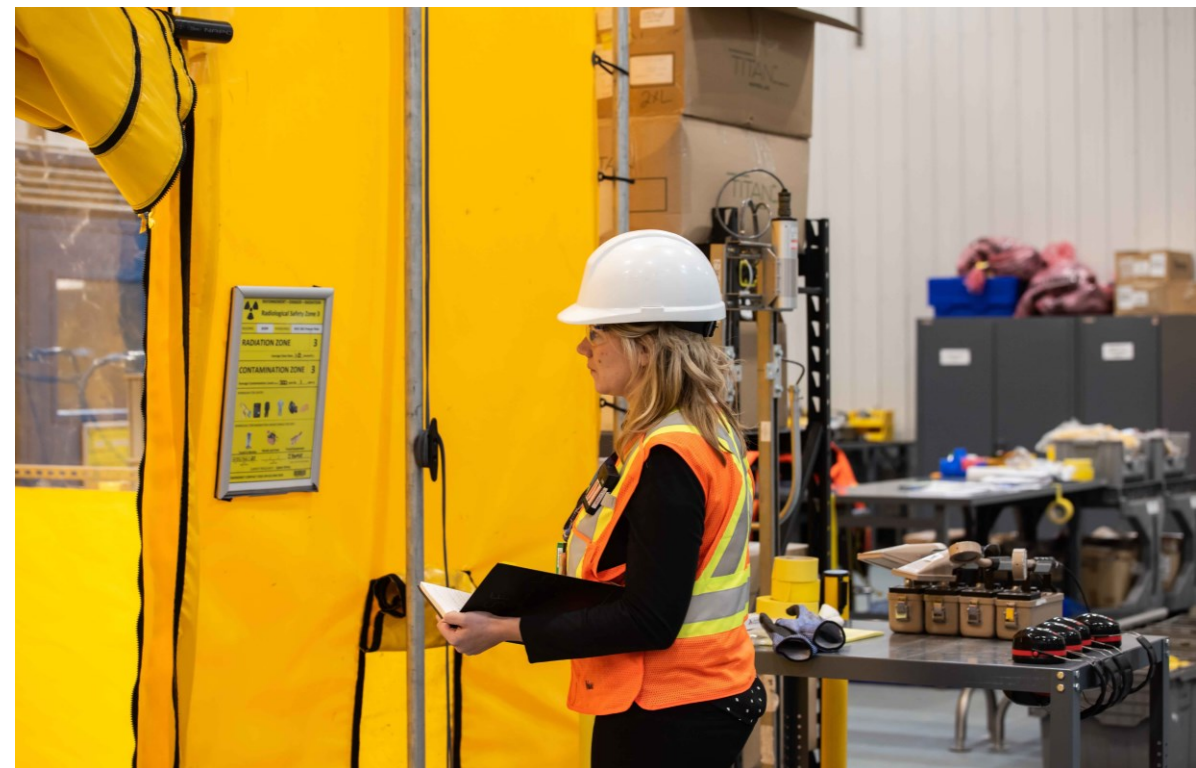


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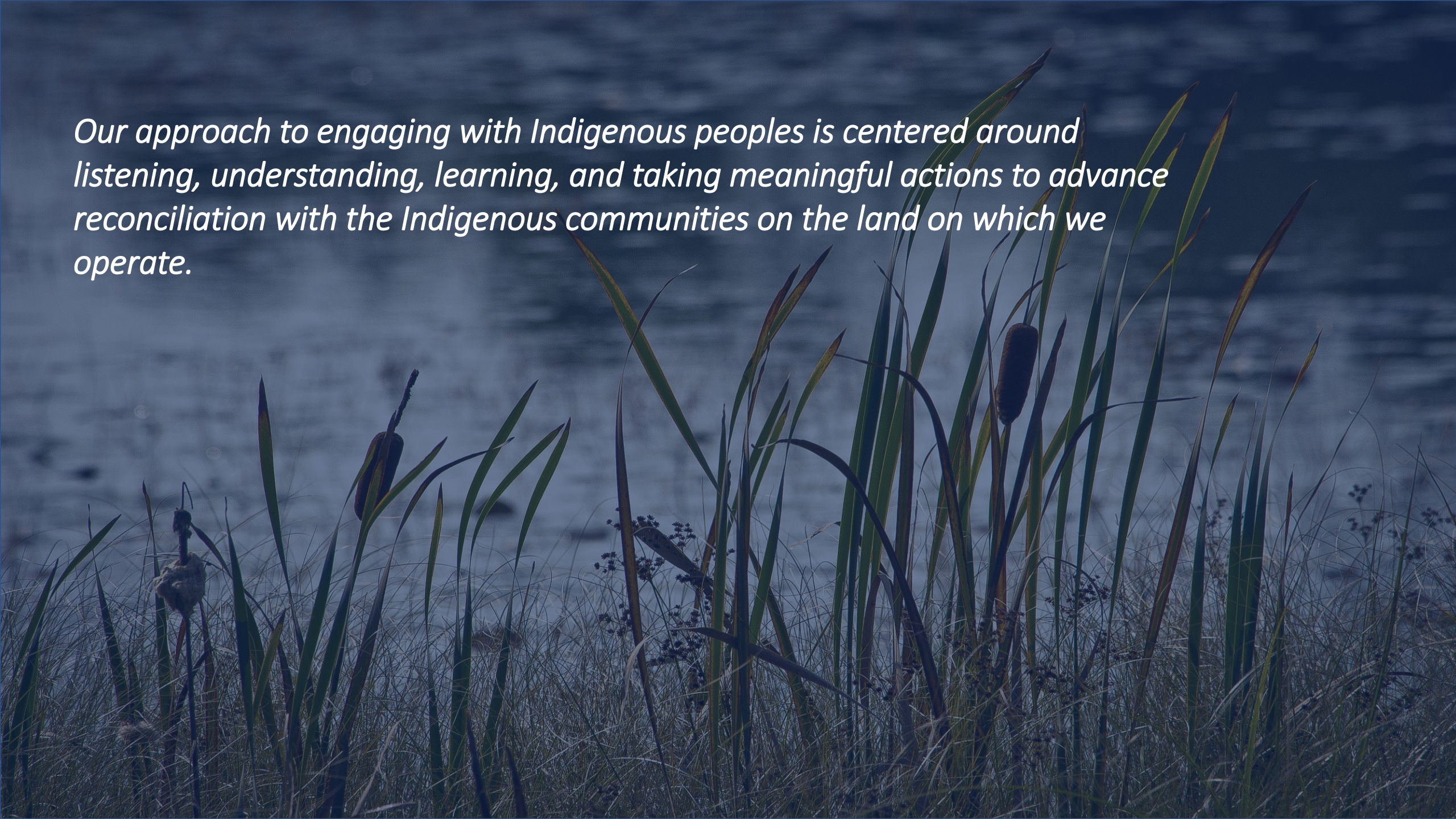
Safe. Sustainable. Modern.

Canadian Nuclear Laboratories
2022 Calendar Year

2023 NOVEMBER 1



Our approach to engaging with Indigenous peoples is centered around listening, understanding, learning, and taking meaningful actions to advance reconciliation with the Indigenous communities on the land on which we operate.





Whiteshell Fire Protection

CNL took extensive, immediate and company-wide measures to ensure that it has full confidence in the fire response posture of the site.





3 vital missions:

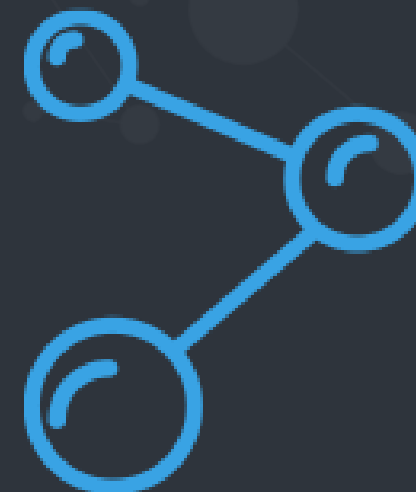
Restore and protect the environment



Clean energy for today and tomorrow



Improve the health of Canadians





2018-2023

Chalk River Laboratories
Mid-term Update



https://youtu.be/fl0QDfr3_iU

Renewing relationships: A path forward for CNL's journey to reconciliation.

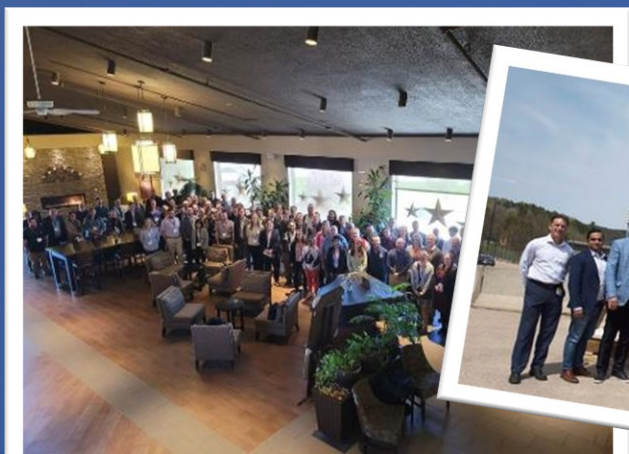


Over the last 5 years CNL has established:

- Long Term Relationship Agreement with AOPFN including the Neya Wabun guardian program
- 3 Memorandums of Understanding
- 5 Contribution agreements, with two more in progress
- 1 Letter of Intent , framework agreement and relationship agreement with Kebaowek First Nation

Connecting with the Public

- Increased web views by 23 % in 2022
- 1.6 million impressions annually on social media
- Average of 35 press releases annually plus paid insertions, supported by proactive media outreach.
- 2022 Open House saw over 3,000 visitors to the CRL site to learn more about our operations.
- Launched annual Community Update webinars
- STEM Education: Girl Guides, Kids Camps, In Class Visits
- Renewed, award-winning NAYGN chapter
- Webinars, conferences, and events





CNL is strengthening its role as a nexus between government, industry and the academic community.

- ✓ A new, robust academic partnership program underway
- ✓ Enabling research advancements through closer collaboration
- ✓ New training experiences for students and a pipeline for recruitment

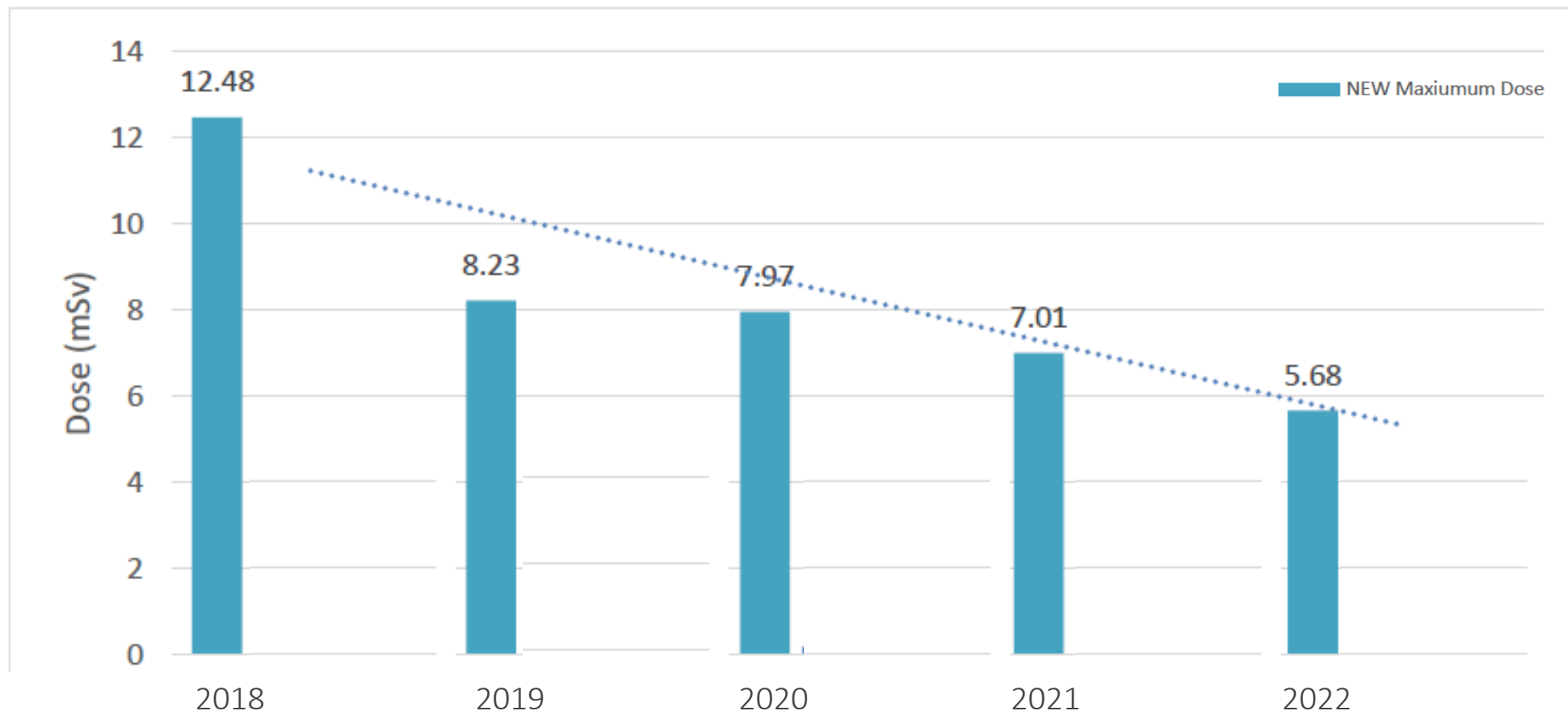


As a national laboratory, CNL was able to support COVID-19 response locally, nationally and internationally.

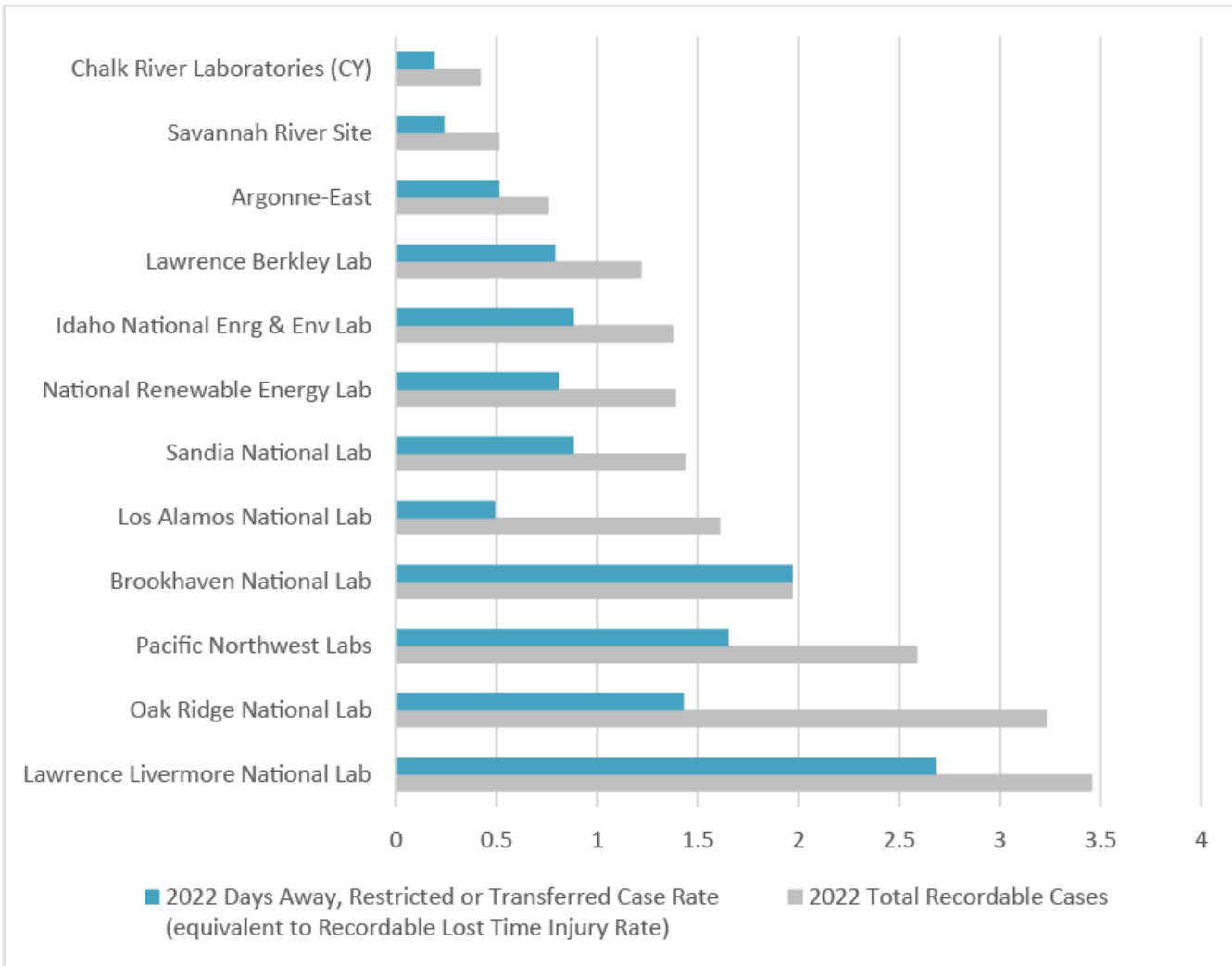


Performance

Chalk River Laboratories
Mid-term Update

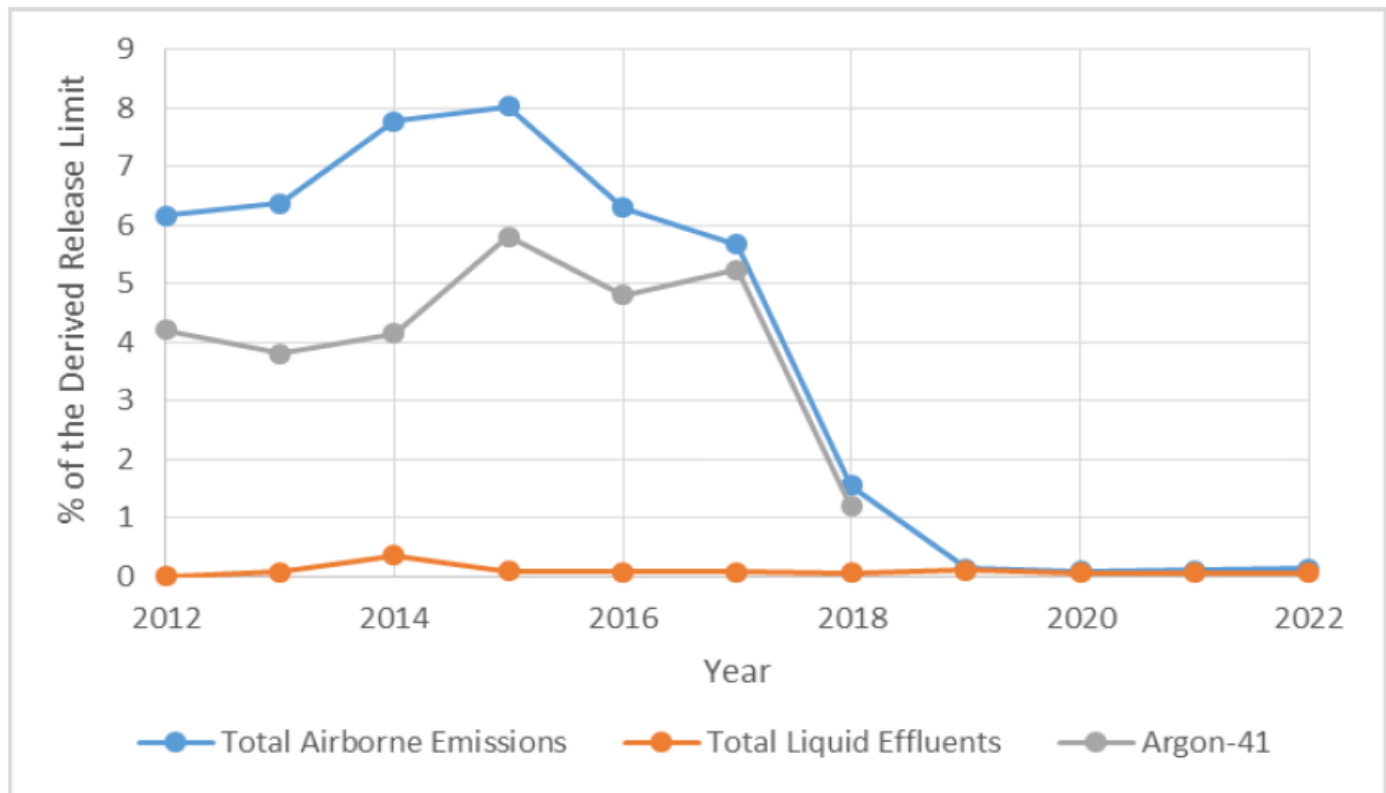


Protecting our workforce. Dose to NEWs has reduced steadily throughout this licence period.



CRL is the leader in conventional safety among other national laboratories within North America.





Radiological emissions from the CRL site have improved within this licence period.





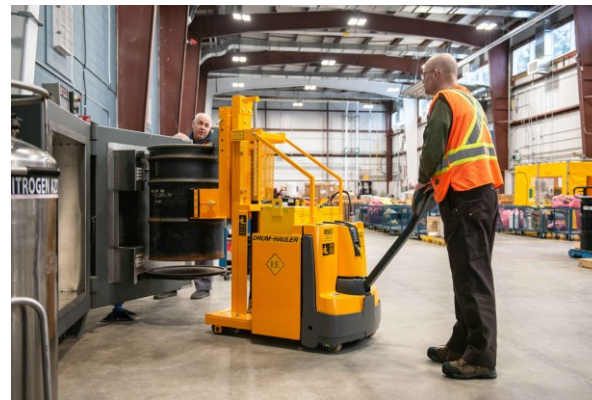
Since 2018, CRL Security has **completed 77 separate** improvement activities.



CRL is fit for service. Recent investments have been made to ensure reliable, compliant and modern systems and facilities.



CNL's careful approach in decommissioning has shown positive outcomes in **risk reduction**, waste reduction, and worker safety.





With the completion of the HEU repatriation campaigns, CNL has dramatically reduced the nuclear liability at Chalk River Laboratories.





Continued investment
into our people and
facilities



Modernized waste
campus and
practices



SMR siting and
clean energy
research



Furthering our
relationship with
Indigenous communities

Looking forward, CNL is committed to continued safe and compliant operations, while growing and strengthening our practices.



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