



**Supplementary Information  
Oral presentation**

**Presentation from the  
County of Renfrew**

In the Matter of the

**Canadian Nuclear Laboratories**

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Application for the renewal of the Nuclear  
Research and Test Establishment Operating  
Licence for the Chalk River Laboratories

**Commission Public Hearing**

**January 23-25, 2018**

**Renseignements supplémentaires  
Exposé oral**

**Présentation du  
Comté de Renfrew**

À l'égard des

**Les Laboratoires Nucléaires Canadiens**

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Demande de renouvellement du permis  
d'exploitation d'établissement de recherche  
et d'essais nucléaires pour les Laboratoires  
de Chalk River

**Audience publique de la Commission**

**23-25 janvier 2018**

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# County of Renfrew

Intervention in Support of the Site Licence Renewal

Chalk River Laboratories of Canadian Nuclear Laboratories Inc.

# County of Renfrew

- 7,600 square kilometres
- Population 107,000
- Home to Chalk River Laboratories since 1944
- Home to Nuclear Power Demonstration (NPD) Reactor since 1962





- Chalk River Laboratories employs 2,900 residents of the County of Renfrew
- The 2<sup>nd</sup> Largest employer in the County
- The Largest Single Science and Technology Centre in Canada
- Contracts to County businesses approximately \$27,000,000 annually
- Salaries distributed across the County \$240,000,000 annually

# Chalk River Laboratories are Vital, not just to the County, but to all Canadians

## A UNIQUE CENTRE OF A BROAD RANGE OF SCIENCE, RESEARCH AND DEVELOPMENT

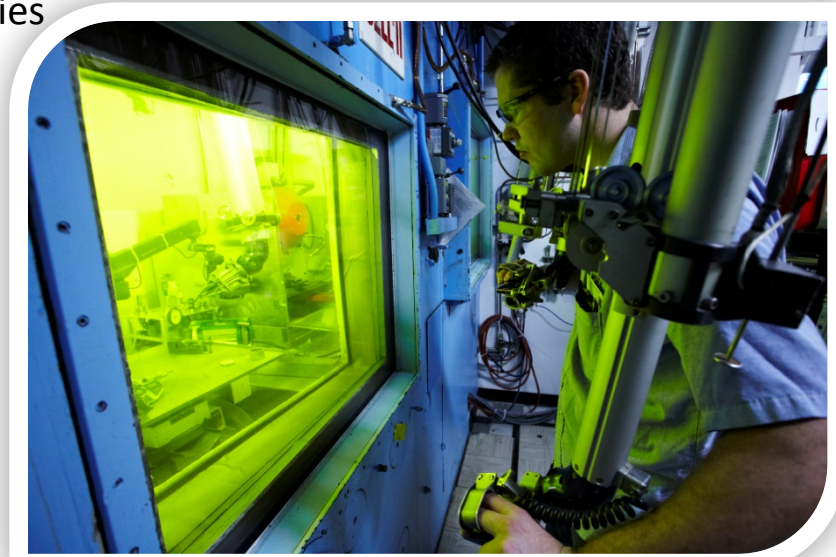
- Advanced Materials
- Chemistry
- Physics, Health and Medicine
- Advanced Fuels, Metallurgy
- Radiation Detection- Safety and Security
- Environmental Monitoring and Research
- Mathematics, Computation and Modelling





# Chalk River Laboratories

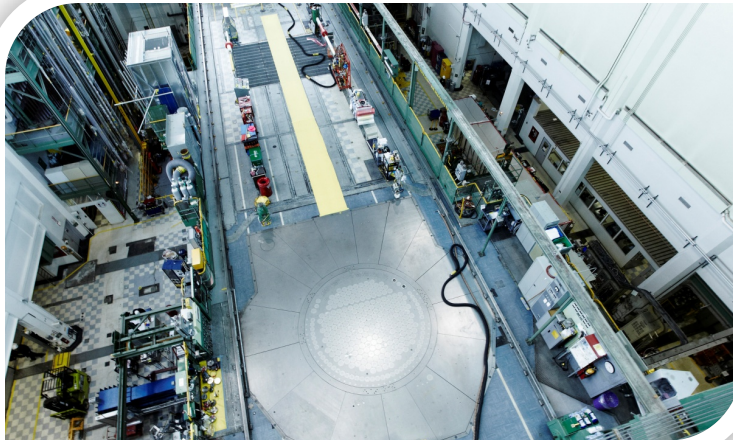
- World-leading training ground for Canada's best and brightest scientific and technical minds
- Teaching and collaboration with 17 Canadian universities and colleges
- World-leading science and technology career opportunities
- Retain Canadian expertise within the country
- Attracts international scientific leaders to Canada expanding our global network
- Playing a key role in the energy future For Canada and the world
- Continued peaceful development of nuclear science on behalf of all Canadians.



# Non- Green House Gas (GHG) Emitting Energy

## CHALK RIVER LABORATORIES PROVIDE ESSENTIAL SUPPORT FOR:

- The electrification of transportation systems globally
- Enabling distributed power grid development
- Electricity supply for the developing world
- Remote community and industrial electrical supply
- Mitigating the need for future harnessing of rivers to generate electricity
- Newly built hydrogen isotope research laboratory





# More Than Just Economic Value

- United Way of Renfrew County
- Sponsor of cultural and sporting events
- CNL corporate charity is the Canadian Cancer Society (Renfrew County)



# Safety and Community Engagement

- County and municipalities have participated in the CRL Environmental Stewardship Committee for 11 years
- CNL team regularly meet with county council and municipal councils to provide updates on issues, initiatives and the future scenario of Chalk River Laboratories
- County of Renfrew Emergency Services, Algonquin College and Garrison Petawawa participate annually with Chalk River Laboratories in emergency preparedness exercises



# Education and Youth Development

- Educational outreach to high school science classes and site tours aligned with the curriculum in the areas of environment, biology and physics.
- CNL participates annually in OPTIONS Skilled Trades Career Fair, to encourage youth to consider careers in the skilled trades sector
- Co-operative education opportunities for high school, college and university students



# Conclusion

The County of Renfrew recognizes and respects the expertise and due diligence of the Canadian Nuclear Safety Commission and this public and open process of comments and intervention. Just as we guard the safety and well-being of our residents, we appreciate the oversight of the CNSC in respect to Chalk River Laboratories and all matters related to Nuclear safety.

We support the licence renewal for Chalk River Laboratories and are appreciative of the opportunity to highlight the critical economic and social importance of the on-going operation of CRL for all our communities.