



Oral presentation

Submission from Christian Renault

In the Matter of the

Canadian Nuclear Laboratories

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

Exposé oral

Mémoire de Christian Renault

À l'égard des

Les Laboratoires Nucléaires Canadiens

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

From: [Christian Renault](#)
To: [Interventions \(CNSC/CCSN\)](#)
Subject: licensing Hearing on January 24th and 25th
Date: 11 décembre 2017 22:23:54

Hello.

I am a retired teacher and a field naturalist residing in Pembroke, Ontario. I am familiar with the Chalk River Laboratories (CRL) site, having visited it and done recent field surveys there.

I have concerns about threats to biodiversity from past, present and possible future practices on the site. In particular I am concerned about the following:

- release of radionuclides from CRL facilities (such as waste management areas) to air, soils, groundwater, wetlands, and surface water bodies, including the Ottawa River, with possible adverse effects on humans and non-human biota
- impacts on wildlife, including endangered species, of the proposed clearcutting of a hillside to create a facility for disposal of radioactive waste
- radiation doses to wildlife on the CRL site, including chimney swifts that roost in the stack of the Mo-99 processing facility
- concentration of radionuclides in aquatic and terrestrial food chains.

I also would like to suggest that the 10-year proposed term of the license is too long. A shorter license term would allow the regulator to have better oversight and would allow the public more frequent opportunities to be involved in ensuring that health and protection of the environment are maintained. Many members of local communities are concerned with some projects and need more transparency from CNL; in this time of transition, a shorter licence period would allow more accountability, and more care in the steps taken.

I would like to make an oral presentation at the hearing to elaborate on the above points.

Thank you for the opportunity to participate.

Regards,

Christian Renault