



**Written submission from
Daniel Hoornweg**

**Mémoire de
Daniel Hoornweg**

In the Matter of the

À l'égard des

Canadian Nuclear Laboratories (CNL)

Laboratoires Nucléaires Canadiens (LNC)

Application from the CNL to amend its Chalk River Laboratories site licence to authorize the construction of a near surface disposal facility

Demande des LNC visant à modifier le permis du site des Laboratoires de Chalk River pour autoriser la construction d'une installation de gestion des déchets près de la surface

**Commission Public Hearing
Part 2**

**Audience publique de la Commission
Partie 2**

May and June 2022

Mai et juin 2022

Senior Tribunal Officer, Secretariat
Canadian Nuclear Safety Commission
280 Slater Street P.O. Box 1046, Station B
Ottawa, Ontario K1P 5S9

10 April, 2022

Subject: Canadian Nuclear Laboratories' application to amend its Chalk River Laboratories site licence to authorize the construction of a near surface disposal facility IAA Reference Number: 80122

Dear Secretariat:

Construction of the near surface disposal facility (NSDF) at the Chalk River Laboratories site is an important step in the safe and efficient operations of nuclear programming in Canada. I support the initiative.

I teach courses in nuclear waste management and the future role of nuclear power at Ontario Tech University. One of the greatest concerns of all our students is climate change. Low carbon nuclear power, operated in a safe manner, is already playing, and will continue to play an important role in addressing climate change, as well as contribute critical medical isotopes.

The NSDF will safeguard identified waste and is an important component of Canada's overall nuclear program. The facility should move ahead as quickly as practicable.

Thank you for the opportunity to intervene in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Hoornweg'.

Daniel Hoornweg PhD, PEng

Associate Dean and Professor; Richard Marceau Chair
Faculty of Energy Systems and Nuclear Science
Ontario Tech University
daniel.hoornweg@ontariotechu.ca