



**Written submission from  
Gordon MacMillan**

**Mémoire de  
Gordon MacMillan**

In the Matter of the

À l'égard des

**Canadian Nuclear Laboratories (CNL)**

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**Laboratoires Nucléaires Canadiens (LNC)**

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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**

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**From:** Gordon MacMillan  
**Sent:** April 11, 2022 3:03 PM  
**To:** Interventions / Interventions (CNSC/CCSN); MacKinnon, Steven - Député  
**Subject:** May 31 Public commission Hearing - Canadian Nuclear Laboratories Near Surface Disposal Facility

Dear Commissioners:

I wish to intervene in the Subject process in writing by submitting this email including the comments which follow.

I am opposed to the NSDF proposal planned for Chalk River by CNL.

My reasons for opposing that plan include:

- 1.T he proposed site is within one kilometer of the Ottawa River adjacent to a nearby pond and creek which flows into the Ottawa River, meaning that any leakage of nuclear waste materials will put human and all other life forms in the watershed at health risk for an indeterminate time;
- 2.A ccording to Natural Resources Canada, the proposed site is located in a region known to be associated with a pattern of historical seismic activity, as recorded by the Canadian seismograph network – specifically relating to the Ottawa River sub-zone. This puts the structural integrity of any manmade physical containment at risk of failure at any time;
- 3.C itizens of this Region have a right to a full environmental assessment of all risks that would reasonably be attributed to a surface containment installation of radioactive waste materials.
- 4.T here seems to be a lack of investigation into alternative means available to achieve long-term storage of nuclear waste materials which meet accepted international standards. This also needs to be done.

Thank you for your attention.

Gordon MacMillan