



**Written submission from
Sohan Chouhan**

**Mémoire de
Sohan Chouhan**

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

Filed on April 10, 2022

There are many benefits of NSDF:

- It will take care of the existing low-level waste
- It will help Nuclear industry to grow in Canada.
- I will create many high paid jobs.
- Its design has been scientifically examined so much already and has been proven to be true.
- It is very safe. Releases to the environment are very close to zero. Releases to Ottawa River will be very close to zero.
- CNL has major expertise in Canada to build the maintain this kind of facility safety. In Port Hope area, already two such facilities are operating and helping Canada stay clean.
- Finland is going ahead with high level waste repository, and we in Canada are resisting to a low-level waste disposal facility, why? By resisting to such a sound decision, we are pulling Canada backward.
- Nuclear energy is so very safe and abundant of uranium in Canada, so this is best first choice source to produce clean energy in Canada.
- If oil and coal, gas coming from Russia are going to stop. Where will we get cost effective energy?
- If we want to stop climate change, nuclear energy is the best clean and reliable source.
- Chalk River site and CNL and AECL has done so much well for Canada, including a noble prize, why not help them make good on this initiative.
- Just by putting waste in NSDF, it will be stored there and will result in so much long delay for so many long years, that most of it will decay, and radioactivity will be gone close to zero.
- NSDF will be covered from the top, so no water going in, no leaches, so the waste is not getting into the groundwater.
- With more and electric cars coming, electricity produced by nuclear energy will be running our cars at very low cost. Then why not support all the facilities that are required for supporting the nuclear energy to grow.
- Nuclear energy has a safe track record in Canada and around the world. Some countries like France are going into more and more nuclear without asking any question. Those countries will

Filed on April 10, 2022

benefit economically, and we in Canada are wasting so much time in implementing such a sound and safe facility decisions.

- Nuclear is into so many things. Hydrogen energy fuel cells are nuclear. Canada should go ahead with nuclear and not fall back. CNL's nuclear and environmental scientists are best in the world. Why not allow them to make environmentally sound and safe decisions for Canada.

- With designing and building CANDU stations, Canada enjoyed leadership in nuclear industry around the world. With NSDF also, once it is proven to be working here, Canada will help other countries in implementing such facilities.

- If Canada falls back on such scientific and engineering facilities, then where will our university science graduates will go? Where will our Ph.D.'ies will go? If Canada has established expertise in nuclear energy. Mish as well continue doing that.

- Canada does not have Nuclear weapon program but many other countries do. What if there is a war. It is good idea to keep nuclear know-how growing in Canada. When COVID came, all countries with their own know how were safer. Canada was just waiting on the side lines for vaccines. It would have been nice if we had our own factory in this country. Similarly, in today's fast world, Canada should grow in science and technology area including in nuclear.

- If we know nuclear will protect out environment, why hold back, why not go ahead into it.

- Please all of us should give a go ahead to Canadian Nuclear Laboratories' application to amend its Chalk River Laboratories site license to authorize the construction of a near surface disposal facility.

Sohan Chouhan