

Be Prepared for a Nuclear Emergency

Canadian Nuclear Laboratories (CNL) in partnership with local municipalities and provinces is committed to providing the safest environment for our public and our employees. CNL follows the industry and Canadian comprehensive all-hazards approach to safeguard the public from any potential incidents.

Although a nuclear emergency situation on the Chalk River site is highly unlikely, CNL has taken provisions to ensure that all accidents are well managed. A detailed emergency plan has been formulated with our municipal, provincial, and federal partners who support response to a CNL emergency.

What should I do in case of a nuclear emergency?

Once an emergency has been called, residents in Deep River and Laurentian Hills will hear a siren that requires community protective actions. Identified residents of Quebec will be notified by phone and media. Dependent upon the situation, the province will activate other notification protocols as required.

- **REMAIN CALM**
- **SHELTER-IN-PLACE** we ask that residents close all windows and turn off all ventilation (e.g., air conditioners). This step will help to prevent contamination from entering into the building should the emergency result in an airborne radiological release.
- **LISTEN & MONITOR** both the Province of Ontario and Quebec issue emergency bulletins through radio, television, website and social media. Residents may sign up for the provincial Red Alerts notification system, <http://ow.ly/Swwew>
- **EVACUATE** only when advised to do so by provincial or municipal officials.

All homes should have a 72-hour emergency kit for each person and pet in your family. For guides on how to prepare your own kit, please visit: www.getprepared.gc.ca/index-eng.aspx



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Revere County and
District Health Unit

www.cnl.ca/emp

www.rcdhu.com

www.urgencequebec.gouv.qc.ca

www.emergencymanagementontario.ca

Potassium Iodide (KI) Tablet Distribution

Canadian Nuclear Laboratories (CNL), under regulations set by the Canadian Nuclear Safety Commission, is required to pre-distribute KI tablets to permanent residents living in the primary zone surrounding the nuclear reactor.

For Chalk River Laboratories, the primary zone, in both Ontario and Quebec, is a nine kilometre radius centered on the reactor stack. Chalk River Laboratories (CRL) is located in a relatively isolated setting; however, our primary zone includes some populated areas of the Town of Laurentian Hills, the Town of Deep River, and the Municipality of Sheenboro, opposite the laboratories campus, in the province of Quebec. The size of each primary zone is defined by the province and the response requirement for each zone is defined by our regulators. In the unlikely event of a nuclear incident involving a release of radioactive iodine, residents in these zones are to be asked to follow the instructions of their local and provincial authorities. Potassium iodide tablets are only to be taken if instructed by the Ontario Medical Officer of Health or the Quebec Public Health Director.

Potassium iodide protects the thyroid from absorbing radioactive iodine but does not shield or protect from other types of radiation.

More information about potassium iodide and how to obtain the tablets can be found on the websites below or by calling 1-800-364-6989



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