NEVER BE IN THE DARK WITH YOUR SAFETY.









Everything you need to know about a nuclear emergency.

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Safety is the number one priority at OPG. No member of the public has ever been harmed from our nuclear operations. However, it's important that our surrounding communities are prepared in the unlikely event of a nuclear emergency. So to start your emergency kit, the information in this flashlight will help keep you out of the dark.



What you need to know if a serious accident happens.

Since it started operating more than 40 years ago, the Pickering Nuclear Generating Station has never had a serious accident, and the Darlington Nuclear Generating Station has operated for 25 years without an incident. OPG ensures that responses to any given number of emergency scenarios are tested on a regular basis.

It is important to be prepared for emergencies, even though it is expected that systems and operators will always safely shut down nuclear reactors long before a serious accident ever happens. In the unlikely event of a serious nuclear accident, a radioactive release may occur. This radioactive release would take the form of a vapour cloud — not an explosion.

In the unlikely event of a serious nuclear accident where a radioactive release would occur, it would take many hours and days to unfold. (Read about our multiple safety systems later on.) Protecting the public would be the first priority. Within 15 minutes of an accident, OPG will notify the provincial and municipal governments about the severity of the issue. Officials would then notify the public of any actions they need to take and implement emergency plans. Each government emergency management office has pre-established and well-rehearsed plans to protect the public.







How do I stay prepared?

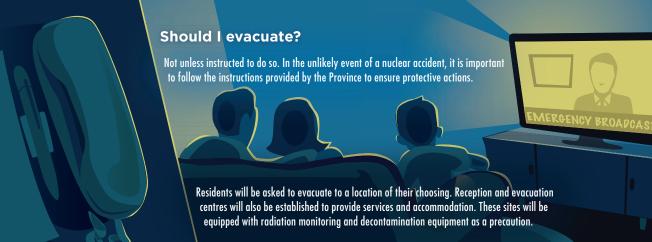
As part of your emergency survival kit — for any kind of emergency — store at least four litres of water per person per day (two for drinking, two for washing) for three days. Also, have a three-day supply of food for each person and any pets. Select foods that are compact, lightweight and non-perishable, and require no refrigeration, cooking or added water.

Keep the following supplies in a sturdy, easy-to-carry bag:

- * A manual can opener
- **№** A first-aid kit
- * Any medications, infant formula
- * Extra keys for the house and car

- * Cash in small bills
- * Potassium iodide (KI) pills for you and your family
- * A battery-powered or hand-crank radio with an extra supply of batteries

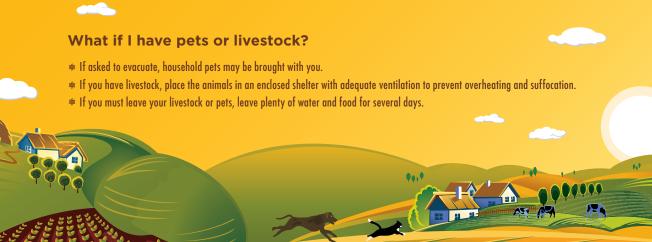










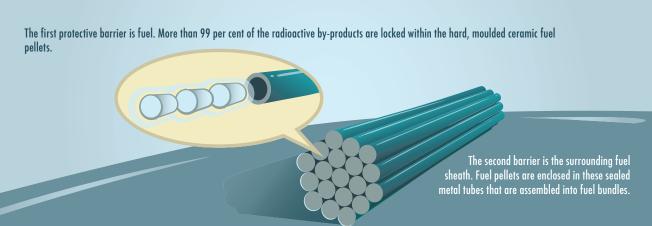


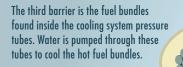


It a severe nuclear accident occurs, radioactive iodine may be released and could accumulate in the thyroid gland. It there is a potential tor such a release, you may be instructed to ingest potassium iodide, or KI pills to block radioactivity from entering the thyroid. If taken immediately before or during an accident, potassium iodide will help reduce the dose of radiation. KI pills are distributed to schools, daycares, and healthcare facilities, located within 10 km radius of the nuclear stations and are also available free-of-charge to individuals living within the 10 km zone.

See the tear-away in the back for a list of pharmacies.









The fourth barrier is enclosed within the airtight reactor building. The building has concrete walls at least four feet thick.



For further information about OPG's facilities, nuclear safety, radiation or other nuclear issues, please visit opg.com, or call:

Durham Region

City of Toronto

Management)

(Office of Emergency

(Emergency Management)

Pickering Nuclear 905-837-7272 Darlington Nuclear 905-623-7122 Canadian Nuclear 1-800-668-5284 Safety Commission www.cnsc-ccsn.gc.ca/eng

Office of the Fire Marshal 416-314-3723 and Emergency Sign up for Red Alerts at Www.ontario.ca/emo

> 905-430-2792 www.durham.ca 416-392-4554

www.toronto.ca/oem

And remember, if an emergency occurs:

- * GO inside and turn on your radio, television or hand-held device.
- * LISTEN to media reports for emergency information.
- * FOLLOW instructions provided by the Province.

OPG works with provincial and municipal governments to make your safety the number one priority. Now that you're better informed, remember to keep this flashlight on hand to prepare for an emergency.

