



THE MUNICIPALITY OF

KINCARDINE

great energy. balanced life.

BE PREPARED FOR A NUCLEAR EMERGENCY

Ontario is prepared to respond to nuclear emergencies both provincially and internationally. Bruce Power's CANDU reactors have independent emergency shutdown systems that provide layers of protection against a nuclear emergency occurring on site. The company has spent considerable time and money in adding additional ways to cool the reactors should a loss of power occur at the station and the layers of back-up power fail to work as well.

Although a nuclear emergency situation on the Bruce site is highly unlikely due to the depth of defence at Bruce Power, a detailed emergency plan has been formulated by the Municipality of Kincardine, the Office of the Fire Marshall and Emergency Management (OFMEM) and Bruce Power.

Nuclear Emergency

Due to the proximity of Bruce Power, both The Municipality of Kincardine and the Town of Saugeen Shores each have detailed nuclear emergency plans for their municipality.

Residents within 10 kilometres of Bruce Power would be notified by the municipality in the unlikely case of a nuclear emergency, and directed to take actions such as sheltering indoors, evacuating and/or taking Potassium Iodide tablets.

If your instructed to take potassium iodide:

- Potassium Iodide (KI) tablets are to be taken only when instructed by the Ontario Medical Officer of Health in the unlikely event of a nuclear incident involving a release of radioactive iodine.
- Potassium Iodide protects the thyroid from absorbing radioactive iodine but does not shield or protect from other types of radiation.

If you're instructed to shelter indoors:

- Go into your home or workplace. If necessary, inform other people to do the same.
- Close all doors and windows.
- Turn off furnaces, air conditioners and any other air intake/exhaust mechanisms.
- Gather your family and your personal emergency kit.
- Stay tuned to designated radio stations for further instructions.

It is important you do not evacuate unless instructed to do so. If you are instructed to evacuate:

- Turn on the radio and find a local station at AM560, AM920, FM91.3, FM92.3, FM93.7, FM94.5, FM95.5, FM97.9, FM99.3, FM101.7 or FM106.5.
- Take your previously packed 72-hour emergency kit, ensuring it has plenty of clothing, necessary medications and personal care items. Take money and credit cards with you.
- Turn off furnace, air conditioning and other air intake mechanisms.
- Close and lock all windows and doors.

- If directed, report to the Reception/Evacuee Centre (Kincardine Davidson Centre – 601 Durham Street, Kincardine).

Traffic will be directed along an evacuation route. For your safety, close the windows, shut off all ventilation in the car and listen to the radio for further instructions.

Detailed and Contingency Planning Zones:

Please click the images below to learn more about the zones surrounding the Bruce site and where the reception centre and hospital in Kincardine are located.

