

### Provision and Administration of Potassium Iodide (KI) Tablets

Consistent with the Durham Region Health Department guidelines, in the unlikely event of a nuclear incident at Pickering Nuclear Generating Station it is expected that there will be plenty of time to evacuate before any radiation exposure occurs. There is, however, a risk that radioactive iodine may escape from the Pickering Nuclear Generating Station during such an incident.

In the rare event that a nuclear incident occurs, you are to direct your students to line up in front of the classroom, where you will provide the potassium iodide (KI) tablets to your students and yourself. The Supervisor of the centre will be responsible to oversee the entire process. Please ensure you are only administering the KI tablets to children whose parents/guardians have provided permission: the school has a valid **Administration of Potassium Iodide (KI) Tablet Parent Consent form** on file. Parent/guardians are asked to complete the KI tablet consent forms at the beginning of every school year. If permission is not granted and a nuclear incident occurs, an approved caregiver must pick the child up immediately.

“Potassium iodide (KI) is a salt of stable iodine and is considered an early protective measure when taken at the right time and at the right dose. The function of the KI tablets is to fill the thyroid gland with stable iodine to help prevent or reduce the absorption of radioactive iodine by the thyroid. Radioactive iodine has the potential to cause thyroid cancer later in life if absorbed by the thyroid gland.”

For more information about radioactive iodine and KI please visit: [preparetobesafe.ca](https://preparetobesafe.ca) and [Potassium Iodide Tablets \(KI\) Fact Sheet \(gov.on.ca\)](https://gov.on.ca)