

## 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 your child 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, the children will line up in front of their classroom, where their teacher will provide and distribute the potassium iodide (KI) tablets to all their students, with the supervision of the centre's Supervisor. Please ensure you have completed/signed the **Administration of Potassium Iodide (KI) Tablet Parent Consent form** each September on the first day of the new school year. Permission must be granted by the parents/guardians in order to give a child the prescribed dose. 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](http://preparetobesafe.ca) and [Potassium Iodide Tablets \(KI\) Fact Sheet \(gov.on.ca\)](http://gov.on.ca)