

From: [Dorothy Goldin Rosenberg](#)
To: [Executive Committee](#)
Cc: megsears@ncf.ca
Subject: EX Motion 10.37 Prevent Cancer Now Draft submission regarding the need for Potassium Iodide Pills be distributed to all citizens within a 50 km radius of the nuclear plants on Lake Ontario
Date: Monday, November 30, 2015 4:16:11 PM

To whom it may concern

Prevent Cancer Now wishes to submit a draft of deputation to be presented tomorrow

Prevent Cancer Now Draft submission regarding the need for Potassium Iodide Pills be distributed to all citizens within a 50 km radius of the nuclear plants on Lake Ontario

About Prevent Cancer Now

Our vision is a world where cancer is the exception, not the rule.

Our Mission is to build a Canada-wide movement to eliminate the preventable causes of cancer, **through awareness, education, and advocacy.**

Our Goals are to Create a national movement for cancer prevention; Entrench use of the precautionary principle; Devote more funds to primary prevention (from the current 2%), and act on what we know prevents cancer; Improve regulations and policies to end environmental and workplace exposure to carcinogens; and Support individuals — especially marginalized groups — communities, businesses and governments to reduce or eliminate cancer-causing exposures.

We promote legislative and policy reforms; Run focused campaigns; Conduct public education; and Promote member and group development and activities.

Prevent Cancer Now (PCN) helps people to become informed citizens, and works to ensure that cancer-causing agents not be put in our environment and our products in the first place. We support agriculture, industrial practices and energy sources that are least-toxic and sustainable, and are demanding that our regulators place a high priority on our health and the environment in their decisions

Regarding emergency response for nuclear power plants under discussion in Motion 10.3i

This provincially defined 10 km primary zone is the area in which the Province maintains emergency measures, such as public alerting and detailed evacuation plans," 11 city councillors wrote in a letter dated Nov. 24.

Prevent Cancer Now supports the 11 city councilors request that the City Manager, in

consultation with the Medical Officer of Health and the Office of Emergency Management, report to the executive committee on whether that primary zone should be increased to a 50-kilometre radius.

The councillors recommend that staff report back to the executive committee by March, 2016. The executive committee, chaired by Mayor John Tory, is also comprised of 12 of the city's 44 councillors. The full council is scheduled to consider the recommendations Dec. 9.

Ontario Power Generation's Darlington nuclear generating station - which has four reactors producing about 3.5 Gigawatts - is 70 kilometres east of downtown Toronto and about 40 km east of the city limits. The Pickering nuclear power plant - which has six reactors with a total output of about 3.1 Gigawatts, is about 30 kilometres east of downtown Toronto and less than 10 kilometres east of the city limits.

Another recommendation before the Executive Committee Dec. 1 is for staff to report on Toronto's emergency response protocols for nuclear risks and international best practices for the Pickering and Darlington plants. The third recommendation is for staff to report on the status of the license renewal for the Darlington station.

The 11 councillors noted in their letter that the potassium iodide pills being mailed to residents in the 10-kilometre zone "are meant to prevent the thyroid from absorbing radioactive iodine, which travels as a gas in a nuclear disaster, therefore reducing the risk of thyroid cancer."

Ontario Power Generation "has said that" people living and working within 50 kilometres of the power plants - who are in the "secondary zone" - can order potassium iodide pills for free online, the councillors stated in their letter.

"The Ontario government plans to spend billions to extend the operational lives of nuclear power plants," the councillors wrote. "If these reactors continue to operate, it is clearly in the best interest of Torontonians that there be transparent and comprehensive emergency plans in place to ensure public safety."

The councillors who signed the letter were Mike Layton, Michael Thompson, Norm Kelly, Glenn De Baeremaeker, Gary Crawford, Chin Lee, Paul Ainslie, Jim Karygiannis, Raymond Cho, Michelle Berardinetti and Ron Moeser.

We recall the disaster on March 11, 2011, when an earthquake measuring 9.1 on the Richter scale off the coast of Japan caused an 11-metre high tsunami. That wave hit the Fukushima Daiichi nuclear power plant, leading to a contamination leak.

"Lessons can be learned from nuclear tragedies in other parts of the world, lessons that can better prepare us and ensure the safety of Toronto residents," the 11 Toronto city councillors wrote in their Nov. 24 letter. They noted that the 10 km primary zone was established in the 1980s.

Prevent Cancer Now refers to research showing that effects have been measured within 50 km of a major nuclear incident, and recommends that there be recognition of the need to educate the public and health care professionals, and distribute the KI to residents within a 50km radius of the nuclear reactors.

Dorothy Goldin Rosenberg

Board Member Prevent Cancer Now