

From: Robert Del Tredici  
Sent Date: Thu Feb 12 00:08:28 2026  
To: Wesleyville Nuclear Integrated Assessment / Évaluation Intégrée Wesleyville Nucléaire (IAAC/AEIC)  
CC:  
Subject: Tritium and Carbon-14 issues

I write to the Nuclear Assessment Agency of Canada to express my concern for two radioactive elements released into the environment around CANDU reactors at Pickering, Darlington, and Bruce -- and by the future Wesleyville nuclear complex should a CANDU reactor chosen to power this new site, which, at its 10,000 MW output, will double the combined MW production of Pickering, Darlington, and Bruce and the inevitable radioactive releases its operations produce.

Tritium (with a half life of 12.3 years) and Carbon-14 (with a half-life of 5.7 thousand years) are not released from nuclear fuel bundles but from heavy water, thus both these elements have a greater likelihood of escaping reactor containment to impact nearby populations and the environment.

Ongoing releases of tritium and Carbon-14 remain in the environment and accumulate yearly, but these annual levels of the growing radioactive burden are not tracked and so remain invisible to scientists and citizens alike.

CNSC needs to track and study these ignored poisons and calculate the adverse health-effects they can be expected to create year by growing year.

This overdue project is doable and would be proof positive that the New Wesleyville Nuclear Project in the Port Hope are will give the environment and its people the protection they deserve. It is, after all, a question of life and death for those who have been told that nuclear energy is clean.

Sincerely,  
Robert Del Tredici  
Montreal