
From: Bob Irwin <email address removed>
Sent: Sunday, February 1, 2026 4:20 PM
To: Nuclear Waste / Déchets Nucléaires (IAAC/AEIC)
Subject: Fwd: Transportation

This is my submission for 88447 Deep Geological Repository Impact Assessment

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From: bob irwin <email address removed>
Date: Sun, Feb 1, 2026 at 2:49 PM
Subject: Transportation
To: <email address removed>

: Impact Assessment Agency of Canada (IAAC)

Email: nuclearwaste-dechetsnucleaires@iaac-aeic.gc.ca

Subject: Comment on Initial Project Description - Deep Geological Repository (Project #88774)

To the Impact Assessment Panel,

As a resident of Northwestern Ontario and a steward of our shared freshwater resources, I am writing to express my grave concerns regarding the proposed Deep Geological Repository (DGR) at the Revell site.

1. Watershed Vulnerability and Continental Risk

The Revell site sits at the critical headwaters of the Wabigoon and Turtle River watersheds. These waters do not stay local; they flow into the Winnipeg River system, Lake Winnipeg, and ultimately Hudson Bay. Any failure of the "multiple-barrier system" over its 100,000-year toxicity window represents a threat not just to Dryden or Ignace, but to the water security of the entire upper half of the North American continent.

2. Failure of Long-Term Predictive Modeling

The proponent relies heavily on stagnant groundwater models. However, as a futurist concerned with geological time, I find these models insufficient. They do not adequately account for the catastrophic pressures of a future Ice Age. The reformation of a Glacial Lake Agassiz could cause massive hydrological shifts, forcing contaminated groundwater to the surface or creating new fractures in the rock that no man-made container is proven to withstand.

3. Irreversibility and Stewardship

Unlike other pollutants, high-level nuclear waste is a "toxic brew" that cannot be cleaned once it enters a watershed. We are making a permanent, irreversible decision for future civilizations who will

have no say in this process. Placing this waste at the headwaters of a major continental drainage system is the antithesis of good stewardship.

4. Transportation Hazards

I formally request that the scope of this assessment be expanded to include the full transportation corridor. The risk of a radioactive spill along the Trans-Canada Highway into our interconnected lake systems is a "flashpoint" for water contamination that the current Initial Project Description fails to address adequately.

I urge the IAAC to demand independent, peer-reviewed hydrological studies that consider the "worst-case" geological scenarios over the next 100,000 years. We cannot afford to gamble with the most precious resource we have.

Sincerely,