



CMD 25-H6.5

Date: 2025-04-23

**Written Submission from
Gamma Industry Processing
Alliance**

**Mémoire de
Gamma Industry Processing
Alliance**

In the matter of

À l'égard de

Nordion (Canada) Inc.

Nordion (Canada) Inc.

Application to Renew Licence for the
Nordion Facility

Demande pour le renouvellement de son
permis pour l'installation de Nordion

Commission Public Hearing

Audience publique de la Commission

June 4, 2025

Le 4 juin 2025



Application from Nordion (Canada) Inc. for the renewal of its Class 1B operating licence

On behalf of the Gamma Industry Processing Alliance (GIPA), I would like to express our support for Nordion (Canada) Inc.'s license renewal request. GIPA member companies recognize that cobalt-60 is essential to global healthcare.

GIPA is an industry association made up of member companies who are experts in the manufacturing, transport and use of cobalt-60 sealed sources. Our members are leaders and subject matter experts on cobalt-60 and gamma irradiation processing.

Cobalt-60 sealed sources are used for gamma irradiation for the purpose of sterilization of medical devices used in the healthcare industry. This process protects patients from risk of infection. A patient in surgery or receiving wound care or simply having a blood sample taken, is highly likely to be treated using product that has been sterilized using cobalt-60. Globally, it is estimated that 30-40% of medical devices are sterilized using gamma irradiation. Cobalt-60 is also used for food treatment, polymer processing and environmental applications that benefit people globally.

The demand for sterilization, and therefore cobalt-60 is growing at rates not previously seen. This is due to an increasing and aging population, greater access to healthcare globally, and the development of new medical devices that require sterilization. We support Nordion's commitment to gamma processing through ongoing supply of Co-60 sealed sources and gamma irradiator design. Renewal of Nordion's Class 1B license is critical to meeting the growing demand for sterile medical devices that keep the global population safe and healthy.

Yours sincerely,

Mark P Thomas
Mark Thomas

Treasurer
Gamma Industry Processing Alliance