



**Written submission from
Applus+ NRAY Services**

**Mémoire de
Applus+ NRAY Services**

In the Matter of

À l'égard de

McMaster University

Université McMaster

Application to renew its McMaster Nuclear
Reactor Class IA non-power reactor operating
licence

Demande concernant le renouvellement de son
permis d'exploitation d'un réacteur de catégorie
IA non producteur de puissance pour le réacteur
nucléaire McMaster

Public Hearing - Hearing in writing based on
written submissions

Audience publique - Audience fondée sur des
mémoires

April 2024

Avril 2024

RE: McMaster University Research Reactor Licence Renewal (Licence #NPROL-01)

Dear Commission member,

I am writing on behalf of Applus+ NRAY Services in support of the McMaster University Research Reactor Licence renewal (#NPROL-01).

Since 1994, McMaster has supported our business, providing a source for neutrons which we utilize for an industrial neutron radiography service. This facility has supported us in becoming a crucial supplier for the inspection of jet engine components during their initial manufacture. At the McMaster University Nuclear Research Reactor Nray has imaged over 9 million turbine blades and continues to image over half a million components annually.

The McMaster University Research Reactor is the only facility suitable for our operations in the country, and superior to any international facility we have identified. Their openness to business partners, reactor operating hours, neutron intensity and location have made them an ideal partner for our business, and their plans to increase their operating hours will present new opportunities to our business.

Renewing McMaster's License will support the continued success of our business, global jet engine manufacturers, and the defence industry. Further, it will continue the operation of one of the few institutions that has managed to strike a good balance, supporting not just research, but also industry, education and health care.

Sincerely,



Josh Vanderstelt

Director of Operations,

Nray Services Inc.,

905-627-1302