



CMD 26-H103.4

Date: 2026-07-31

**Written Submission from
New Brunswick Power Corporation
(NB Power)**

**Mémoire de la
Société d'Énergie du Nouveau-
Brunswick (Énergie NB)**

In the matter of

À l'égard du

Bruce Power

Application to amend the licensing basis for Bruce A and B nuclear generating stations to operate Units 7 and 8 pressure tubes beyond 300,000 effective full power hours

Bruce Power

Demande visant à modifier le fondement d'autorisation des centrales nucléaires de Bruce-A et B afin d'exploiter les tubes de force des tranches 7 et 8 au-delà des 300 000 heures équivalentes pleine puissance

Hearing in Writing

Audience par écrit

August 2026

Août 2026

July 31, 2026

Senior Tribunal Officer, Commission Registry
Canadian Nuclear Safety Commission
280 Slater St
PO Box 1046, Station B
Ottawa, Ontario
K1P 5S9
Email: interventions@cnsccsn.gc.ca

Attention: Senior Tribunal Officer

Subject: Bruce Power Amendment to the Licensing Basis of the Power Reactor (Bruce A & B)

Dear Commission Members,

I am writing in support of the application from Bruce Power to amend the licensing basis of the power reactor operating license for the Bruce A and B nuclear generating stations. Please accept this letter as my written submission.

The purpose of this letter is to offer NB Power's support for Bruce Power's application to amend its licensing basis to operate Units 7 and 8 pressure tubes up to 310,000 effective full power hours (EFPH).

As the operator of the Point Lepreau Nuclear Generating Station, NB Power shares Bruce Power's deep commitment to the highest standards of safety, regulatory compliance and operational excellence. In fact, all Canadian operators consider the safe management and lifecycle optimization of pressure tubes to be a shared priority.

Accordingly, NB Power has monitored the assessment, rigorous material testing and proactive inspections Bruce Power undertook to justify its application. NB Power is confident that Bruce Power's Fitness for Service (FFS) program can manage all associated degradation mechanisms and that appropriate programs and measures are in place to support continued operation of Units 7 and 8 beyond 300,000 EFPH. These measures are all thoroughly detailed in Bruce Power's application to the CNSC (CMD26-H103-BrucePower-APP).

While the technical merits of Bruce Power's application form the basis of our support, NB Power also wants to endorse the underlying, central goal of Bruce Power's request. That is, the need for Bruce Power to have enough operational flexibility to responsibly schedule Major Component Replacement outages for Units 7 and 8 in a way that protects grid reliability and ensures the continuous, safe production of clean electricity up to their planned outages. In our view, Bruce Power's request to adjust operational parameters to 310,000 EFPH represents a technically sound, data-driven optimization strategy.

Provincially, it also supports Ontario's "Energy for Generations" plan, which details the need for nuclear refurbishments and the construction of new reactors to meet future energy needs. Federally, it aligns with Canada's Nuclear Energy Strategy, which identifies nuclear as a vital component to our nation's energy security and a key part of a modern, low-emission power grid.

I have complete confidence in Canada's nuclear regulatory system. Our country is globally respected for its strong, transparent approach to nuclear oversight. The Canadian Nuclear Safety Commission (CNSC) operates independently, drawing on science, evidence, and the public interest to guide its decisions.

As the owner of Canada's only operating CANDU nuclear facility outside of Ontario, NB Power plays its own vital role in securing Canada's energy needs and fully appreciates the importance of Bruce Power's request. Having worked closely with Bruce Power over many years as an industry peer, NB Power is confident Bruce Power will continue to operate Units 7 and 8 to the highest safety standards beyond 300,000 EFPH. NB Power respectfully asks the Commission to give full consideration to the request as part of its independent regulatory review.

Sincerely,



Steve Bagshaw
Chief Nuclear Officer & Site Vice President
Point Lepreau Nuclear Generating Station
New Brunswick Power Corporation

cc: K.Duguay, J. Nouwens, N. Reicker