



**Oral presentation**

**Exposé oral**

**Written submission from the  
Brilliant Energy Institute,  
Ontario Tech University**

**Mémoire du  
Brilliant Energy Institute,  
Ontario Tech University**

In the Matter of the

À l'égard de la

**New Brunswick Power Corporation,  
Point Lepreau Nuclear Generating Station**

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**Société d'Énergie du Nouveau-Brunswick,  
centrale nucléaire de Point Lepreau**

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Application for the renewal of NB Power's  
licence for the Point Lepreau Nuclear  
Generating Station

Demande de renouvellement du permis  
d'Énergie NB pour la centrale nucléaire de  
Point Lepreau

**Commission Public Hearing  
Part 2**

**Audience publique de la Commission  
Partie 2**

**May 11 and 12, 2022**

**11 et 12 mai 2022**

Jacquie Hoornweg  
Executive Director  
Brilliant Energy Institute,  
Ontario Tech University  
2000 Simcoe Street North,  
Oshawa, Ontario  
L1H 7K4

March 28, 2022

Senior Tribunal Officer, Secretariat  
Email: [interventions@cnsccsn.gc.ca](mailto:interventions@cnsccsn.gc.ca)

I am pleased to provide this letter of support and would like to attend for an oral presentation in support of the Point Lepreau Generating Nuclear Station (PLGNS) License Renewal based on my knowledge of the benefits from the station for the people of New Brunswick.

My support is also based on my knowledge of the people who work at the station and their commitment to serving the best interests of the communities who depend upon them for reliable, safe and environmentally sound electricity generation.

The primary source of electricity for more than 40 per cent of Canadians is from low-carbon nuclear generation. This is the case in New Brunswick where the Point Lepreau nuclear plant has been a significant contributor to the avoidance of greenhouse gas emissions in the province.

The expertise in operations, project management and community and stakeholder engagement that has been developed as part of this history, is crucial not only for the future of New Brunswick but as we see nuclear being increasingly considered to play an important role as part of clean energy systems elsewhere.

Many provinces, and other jurisdictions internationally, are looking to nuclear to help Canada address climate change, meet sustainability goals and achieve competitiveness in a global net zero economy. Building on Canada's long-standing energy sectoral expertise, including in nuclear power, will be a significant asset as the country positions itself as a desired global partner in the required transformation to ensure global sustainability and as a place to do business in a world where low carbon energy will offer a distinct advantage.

And what does this have to do with New Brunswick's license renewal, specifically?

For the past two decades, I have worked with colleagues at NB Power, first in my progressive roles at Ontario Power Generation, and later in my own company where I worked both directly and in collaboration with NB Power on engagement, communications and strategic initiatives.

This included during the early days of the COVID-19 pandemic when ensuring the safety of workers and ensuring the power stayed on became of parallel importance and co-dependent. I saw the hours of work, the commitment to collaboration, and the use of the skills and knowledge of the management team and staff, firsthand both in my work with CANDU Owners Group at the time and working directly with the communications team led by Kathleen Duguay at NB Power on both internal and external communications.

I saw a management team and staff that put the needs of their customers ahead of their own needs as individuals, while trying like so many of us to navigate the new pandemic reality. They worked with their industry peers and each other to ensure there would be no disruption to service and that the safety of workers would not be compromised.

I raise this because I think it is illustrative of the dedication I have witnessed time and again to drive excellence in operations, projects and to the interests of the communities who rely on NB Power in all facets of their business.

In working with the people interested or having a stake in the plant's operations and projects, I can think of countless ways the NB Power team has worked to share information transparently and importantly, to listen, engage, involve and learn from the communities and individuals.

Sometimes, these engagement activities happen in formal ways; the kind that get you checkmarks on regulatory documents and of course, these are important. I have also seen many hours spent on the less official but even more meaningful engagement that takes place between people not between organizations. These are the kind of engagements that only incur when you have people working in companies that care as much about the people behind the check boxes as the formal process, when they really see and care for the people in these communities at a human level.

This is what I have seen over the past several years working with the NB Power team with First Nation communities, the local community and even individuals who have no titles or associations but simply want to know more to make informed decisions about Point Lepreau and nuclear power.

Today, in my new role at the Brilliant Energy Institute at Ontario Tech University, we are committed to be a change agent for the transition to net zero.

It means some technical innovation for sure. We are committed to the advancement and integration of technologies including nuclear, that together will contribute to clean, safe, affordable energy systems. We are committed to advancing knowledge that will ensure these technologies can help decarbonize our civil infrastructure like transportation, buildings, municipal services and heavy industry and also be affordable, safe and responsibly managed.

It also means the investment in development of the diverse and effective workforces; the people of all races and genders, with the right skills and knowledge, who will be needed for this massive transition and that barriers will be removed and accessibility to training and careers, increased, to ensure equitable opportunity for all.

And, it means empowering people to contribute to the way we will generate, conserve and use energy, and how we will manage the waste, in the future by strengthening energy literacy and engagement opportunities.

We are doing this with many partners across Canada from academia, industry, government and communities. Already, I am pleased to say, we are finding ways to include NB Power and their community partners in this work. And, because I know them and I know of their leadership and commitment, I also know they will make our initiatives stronger by their involvement.

For all of these reasons, I am pleased to lend my support to their application.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Hoornweg". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jacquie Hoornweg  
Executive Director  
Brilliant Energy Institute