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2025-10-06

Newfoundland and Labrador Hydro

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Dear Madam/Sirs:

Re: Newfoundland and Labrador Hydro - Application for Capital Expenditures for the Life Extension of Bay d'Espoir Unit 7 - Request for Additional Information

In relation to the Additional Analysis Report provided by Hydro on September 22, 2025, relating to the alternative of an uprate to the capacity of Bay d'Espoir Unit 7, the Board requires clarification on the information filed.

Attachment 2 of the additional information is a report titled "Bay d'Espoir Generating Station Unit 7 Runner Replacement", dated April 6, 2004, and authored by Hydro. At page 11 of 41, the report concludes that:

- The increased capacity offered has limited usefulness because of tail water elevation restrictions at higher outputs. The useful increase in capacity is 5 MW.
- If it is decided to replace the runner, the rotor spider should be replaced to ensure that the frequency of vibration excursions caused by the floating rim does not increase, causing operational problems.

The Board requests Hydro provide further details regarding the tail water elevation restrictions and floating rim design, including whether the issues raised remain current concerns, whether they have been addressed in the intervening years since 2004 and any relevant studies or reports.

If you have any questions, please do not hesitate to contact the Board's Legal Counsel, Ms. Jacquelyn, by email, jglynn@pub.nl.ca or by telephone 709-726-6781.

Sincerely,



Jo-Anne Galarneau
Executive Director and Board Secretary

JAG/cj

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