planning practices plan for a 20-year cycle; as such, these scenarios have not yet been

applications as required to maintain asset integrity. At an appropriate time in the future,

Hydro will investigate options and available technologies for eventual replacement or

assessed. Hydro will continue with regularly scheduled inspections and recoating

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further life extension.

b) Hydro has assessed a variety of life extension alternatives with varying service life extensions and costs. Hydro strives for an investment level with an appropriate balance between cost and reliability while remaining cognizant of the rate impact of capital investments on customers. Given that Option 3 provides a significant life extension of 30 to 50 years, Hydro believed that recommending higher-cost options with the potential for greater life extension was not appropriate at this time.

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¹ Please refer to "Application for Approval of Capital Expenditures for Section Replacement and Weld Refurbishment for Bay d'Espoir Hydroelectric Generating Facility Penstock 1," Newfoundland and Labrador Hydro, December 7, 2022, sch. 1, app. H, for this analysis.