

- 1 **Q. (Reference Application) Please provide a summary of all laboratory testing**
2 **conducted by NP in the 2024 Capital Budget Application to verify the need for**
3 **asset replacement.**
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- 5 A. Newfoundland Power has not conducted any laboratory testing to verify the need for asset
6 replacement associated with projects in the Company's *2024 Capital Budget Application*.
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- 8 Newfoundland Power verifies the need for asset replacement through its annual
9 inspection and maintenance practices, condition assessments and engineering reviews.¹
10 The Company also completes laboratory testing, when required. As examples, the
11 Company completed laboratory testing: (i) in 2022, with respect to the Mobile Hydro
12 Plant surge tank refurbishment and the presence of hazardous materials in the existing
13 coating, (ii) in 2017, with respect to the Gander office and the presence of hazardous
14 materials; (iii) in 2014, with respect to the Bell Island submarine cable; (iv) in 2008, with
15 respect to the Rattling Brook Hydro Plant penstock; and (v) throughout the course of
16 each year with respect to substation transformer oil analysis.
17
- 18 In addition, the Company engages third-party engineering consultants with appropriate
19 engineering expertise to provide recommendations for specific asset replacement, when
20 required.

¹ As examples, Newfoundland Power inspects: (i) substations eight times annually; (ii) transmission lines annually; and (iii) distribution lines on a seven-year cycle.