

1 **Q. Reference: "2026 Capital Budget Application," Newfoundland Power Inc.,**
2 **June 27, 2025, Supporting Materials, Substations: 2.2, Appendix E, p. 3.**

3
4 **For comparison, in October 2015, oil samples showed that KBR-T3 was**
5 **in good health with TJ|H2b indicating that the paper strength was**
6 **reduced to approximately 50% tensile strength with an estimated DP**
7 **of 545. [f.n. 6]**
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9 **a) What tensile strength and DP threshold does Newfoundland Power utilize**
10 **to trigger replacement?**

11 **b) What was the normal degradation index value for KBR-T3 in 2015?**
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- 13 **A.** a) Newfoundland Power does not have a tensile strength or degree of polymerization
14 threshold to trigger replacement. A risk-based analysis considering multiple factors is
15 completed on the power transformer fleet to determine replacement. For more
16 information, see part b) of the response to Request for Information NLH-NP-012.
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18 b) The normal degradation index value for KBR-T3 in 2015 was 0.56 and for
19 comparison was 0.88 in 2024.