

1 Q. **Newfoundland and Labrador Hydro - EFLA Consulting Engineers Report - *Structural Capacity***
2 ***Assessment of the Labrador Island Transmission Link, April 30, 2020 ("EFLA" Report)***

3 With respect to LIL design modeling performed as part of the analysis underlying the April 30,
4 2020 EFLA report, please describe the nature, extent, methods, and documents and data
5 reviewed by EFLA to verify the original SNC-Lavalin design load models in any way. If verification
6 did not occur, explain whether there is and how there is an adequate basis for assuming that
7 those load models were appropriately designed and executed.

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10 A. A complete review of SNC-Lavalin's design procedure, modelling, calculations or original design
11 as part of the Lower Churchill Project was outside the scope of EFLA Consulting Engineers'
12 ("EFLA") study. The final design documentation used in this study was the final completed
13 models and documentation signed off by the engineer of record post constructions. These
14 documents represent the final "as-built" condition for all Labrador-Island Link ("LIL") line
15 components. Please refer to Newfoundland and Labrador Hydro's ("Hydro") responses to
16 PUB-NLH-082 and NP-NLH-009 for additional details.

17 Separate review oversight has occurred throughout the Lower Churchill Project construction.
18 Specifically, the Nalcor Energy Technical and Design Integrity team provided oversight and
19 acceptance of all engineering completed by SNC-Lavalin and proper quality assurance and
20 control has been in place from component testing through procurement and during
21 construction. Additionally, the Lower Churchill Project has been subject to separate oversight
22 and independent engineering review on behalf of the Canadian Federal Government. Finally,
23 proper oversight with robust quality control and quality assurance programs has been in place
24 throughout the manufacturing and construction of the LIL to produce this data. Nalcor Energy
25 and Hydro have confidence that the documentation provided to EFLA accurately represents the
26 final line characteristics physically present in the field following construction.