

1 Q. Reference: Public Utilities Board Muskrat Falls Review, Nalcor Exhibit 97, *Review of*  
2 *Existing Meteorological Studies Conducted on the Labrador Island Transmission Link*  
3 *- Appendix A (R1) – Ice Loading Region Maps.*

4 Please provide in tabular format a comparison of (i) the weather data given below  
5 each figure of Exhibit 97, Appendix A (R1), and (ii) corresponding 1:500 year return  
6 period values calculated using the space and height factor, as well as the  
7 incremental factor, for a 1:500 year return period in accordance with CSA standard  
8 CAN/CSA- C22.3 No. 60826 for the same data.

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11 A. Please refer to Hydro's response to NP-NLH-004 for a discussion of the design  
12 criteria used for the Labrador-Island Transmission Link, the as-built structural  
13 capacity of the line, and the corresponding CSA climatic loadings.

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15 Also note that the applicable climatic return period for portions of the line not in  
16 proximity to the existing 230 kV corridor is 150 years, as the Labrador-Island  
17 Transmission Link is not the only source of supply for the Avalon Peninsula.