

1 Q. Reference: (<http://www.powerinourhands.ca/pdf/MHI.pdf>) *Manitoba Hydro*
2 *International: Review of the Muskrat Falls and Labrador Island HVdc Link and the*
3 *Isolated Island Options*, October 2012, page 32.

4 *“The report characterized the 1:50 return period being for ice-loading only but*
5 *Nalcor clarified that this was for both wind and ice-loading.”*

6 Did Nalcor/Hydro design the Labrador-Island HVdc Link for the combined ice and
7 wind specified in the CSA standard, i.e., using the 1:50 or 1:500 year ice in
8 combination with the average winds occurring during ice persistence as required in
9 CAN/CSA- C22.3 No. 60826? If so, please provide the supporting calculations for
10 the design. If not, please explain the reliability implications of not complying with
11 the CAN/CSA Standard?

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14 A. Please see Hydro's response to NP-NLH-004 for discussion of combined wind and
15 ice loadings on the Labrador-Island Transmission Link structures.