

1 Q. **Reference: Response to Request for Information NP-NLH-051.**

2 The response to Request for Information NP-NLH-051 states on page 2 of 2 at lines
3 3-8:

4 *“The 1996 study which estimated ice loads on the Avalon and Connaigre peninsulas*
5 *was completed almost 15 years prior to the release of the 2010 version of the CSA*
6 *standard, and while Hydro is not in a position to comment on the development of*
7 *the CSA standard, the authors would have had access to the results of the 1996*
8 *study when both the 2010 edition of the standard and the preceding 2006 edition*
9 *were released.”*

10 Please explain the basis for which Hydro believes that the CAN/CSA-C22.3 No.
11 60826-10 standard supersedes historical meteorological information collected in
12 the province of Newfoundland and Labrador.

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15 A. As indicated in Hydro's response to NP-NLH-100, CAN/CSA-C22.3 is approved for
16 use in Canada for the purpose of transmission line design. Historical
17 meteorological information is incorporated into the model used in the standard,
18 and loadings for given return periods are predicted.

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20 As sufficient actual history is unavailable to determine long term loadings, they
21 must be predicted using mathematical models.