

1 Q. Reference: Muskrat Falls Review: Exhibit 85 – Reliability Study of Transmission

2 Lines on the Avalon and Connaigre Peninsulas

3 Please explain in detail, the extent to which Exhibit 85 - Reliability Study of

4 Transmission Lines on the Avalon and Connaigre Peninsulas conducted by Asim

5 Haldar, Ph.D., P.Eng in April 1996 was considered in developing the design criteria

6 for the Labrador Island Link.

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9 A. The results from Exhibit 85 were used to establish Hydro's standard meteorological

10 loadings, and as explained in Hydro's response to NP-NLH-004, these were used as

11 minimum design criteria.

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13 Meteorological loadings for 150-year and 500-year return periods were derived

14 from CAN/CSA 22.3 No. 60826-10, as this standard represents the most recent

15 source of data, having been released 15 years after Exhibit 85.