

1 **In reference to Schedule “B”, page 31 of 82 – Rebuild Transmission Lines – at a project**
2 **cost of \$4,129,000:**

3
4 **Q. Please explain how the evaluation of the line design will be conducted and what**
5 **determinants and standards were used in the original construction of these lines. Is**
6 **ice and wind loading new to these areas?**
7

8 A. The original lines, which were constructed in the 1950s and 1960s, were built to the
9 industry standards of the day. Since that time engineering design and standards for the
10 construction of transmission lines have improved significantly. In addition, during the
11 operation of transmission system over the past 50 years the Company has gained a wealth
12 of knowledge and experience related to ice and wind loading conditions along with salt
13 spray contamination in the Newfoundland environment. All new lines and upgrades, as a
14 minimum, meet the Canadian Standards Association (CSA) standards. In some
15 circumstances the new and upgraded lines, which incorporate the Company experience in
16 a particular area, will exceed the CSA standard.