

1 Q. **Reference: Volume II, Wood Pole Line Management Program - Various, Tab 11, page 9, Table 7**

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3 Has Hydro, at any time, removed any crossarms identified as being deteriorated and had the
4 components tested in a laboratory setting to critically evaluate preservative level and residual
5 strength of the components? If yes, please provide the results of the testing. If not, what
6 criteria does Hydro follow for preservative retention in crossarms?

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9 A. No. Newfoundland and Labrador Hydro (“Hydro”) has not tested crossarms in a laboratory to
10 critically evaluate preservative level and residual strength.

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12 Hydro does not currently treat crossarms to maintain preservative levels. Other than
13 immediately at the attachment location with the pole, crossarms are not easily accessible to
14 complete this process when performing climbing inspections on wooden structures.

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16 As a part of the Wood Pole Line Management Program, inspections of crossarms include visual
17 observation and sounding of the component up to a point that can safely be reached by the
18 inspector while performing the climbing inspection. Due to the smaller cross sectional area of
19 the crossarm, deterioration is easier to identify during the inspection process when compared to
20 the larger poles. Hydro has found that the methods used are proving successful. Since 1999, less
21 than 500 crossarms have been replaced due to identified deterioration.