

1 Q. **Reference: Failure Investigation Report – L3501/2 Tower and Conductor Damage, Icing Event**
2 **January 2021 in Labrador, Nalcor Energy, May 28, 2021, page 75.**

3 The current suspension clamp design does not use armor rods to protect the
4 conductor at the attachment point. A larger clamp with armor rods could be
5 considered. As mentioned in Section 7.2, the locking washer and general clamp
6 design is not as robust as it could be. Loads seen during the storm were in
7 excess of this slip strength but substitution to a different strong clamp could aid
8 in the long term.

9 Does Hydro intend to revisit the current suspension clamp design to include armor rods and/or
10 more robust lock washer and clamp assembly? If not, why not?

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13 A. Newfoundland and Labrador Hydro (“Hydro”) does not intend to revisit the current suspension
14 clamp design at this time. It is Hydro’s view that the substitution of the current suspension
15 clamp to an alternate clamp with an increase in the slip strength capacity would not significantly
16 aid in prevention of a similar failure event in the future. Please refer to Hydro’s response to
17 PUB-NLH-213 for further discussion of this issue.