

1 Q. Reference: Construct Second Distribution Feeder Nain, Volume II, Tab 25,
2 Page 29
3 *“Although a voltage regulator is a technically viable alternative to eliminate the*
4 *low voltage issue in Nain, it would not be a practical option. In the event of a*
5 *regulator failure, the necessary heavy equipment to perform a voltage regulator*
6 *replacement is not available in Nain. As well, access by sea may not be available*
7 *for up to nine months depending on ice conditions. As a result, this alternative*
8 *was not considered and was screened out prior to the economic analysis.”*

9 Does Hydro have voltage regulators installed on any of its isolated diesel systems?
10 If so, please provide details concerning these installations.
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13 A. Hydro has voltage regulators installed in one isolated diesel system, L’Anse-Au-
14 Loup. On feeder L1 there is one three phase bank of regulators consisting of three
15 single phase regulators rated at 200A/14.4 kV. On feeder L2 there is one three
16 phase bank of regulators consisting of three single phase regulators rated at
17 200A/14.4 kV and one single phase regulator that is rated at 100A/14.4 kV.