

1 Q. **Newfoundland and Labrador Hydro – Near-Term Reliability Report, May 15, 2020**

2 **Other Near-Term Issues**

3 With respect to operation of Synchronous Condenser No. 3 operation to date, please confirm or
4 explain if not known that it was run at rated speed for two or three days with vibrations noted
5 during that period.

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8 A. To date, Synchronous Condenser Unit 3 has been operated on several occasions at various
9 speeds, including rated speed, for trouble shooting and vibration signature purposes. In January
10 2020, the unit was run for approximately three days continuously while synchronized to the
11 grid. At that time vibration levels were above specified levels but at no point did they exceed
12 alarm levels. The Lower Churchill Project's external experts determined the vibration levels to be
13 within acceptable tolerances for the short amount of time the unit was operating and would
14 have no risk of equipment damage.