

1 Q. What actions, if any, did Hydro take to mitigate the risk of failure between the 2023 annual
2 outage and the 2024 annual outage?

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5 A. To mitigate the risk of failure, Newfoundland and Labrador Hydro continuously monitored key
6 indicators on the unit, such as vibration and temperature, for any changes.¹ As noted in the
7 application, field inspections and reviews of turbine components completed during the 2023
8 annual outage in consultation with the turbine's original equipment manufacturer concluded
9 that while the runners on Cat Arm Unit 1 and Unit 2 were at the end of their life cycle and
10 required replacement, there were no clear indications that the risk of failure was imminent.

¹ Changes in key indicators on the unit, including vibration and temperature, give early warning of issues which, if left unaddressed, can lead to failures.