

1 Q. Reference: Gas Turbine Failure Analysis - Final Report, January 11, 2017. Please
2 describe the circumstances upon which an oil change is required for the
3 Stephenville gas turbine, including circumstances relating to running time, calendar
4 time, oil quality, or other considerations.

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7 A. Prior to 2016, the oil at the Stephenville Gas Turbine was changed based on oil
8 condition. The condition of the oil is determined by both laboratory test results and
9 field inspection of the oil (visual and odour). Hydro has changed this philosophy
10 based on the change in operation of the gas turbines. As of 2016, Hydro has
11 instituted an annual oil change and increased the oil sampling frequency to monthly
12 during the winter operating season. Oil would be changed sooner than annually if
13 indicated by sampling results.