

1 Q. Reference: Upgrade Circuit Breakers, Volume II, Tab 13, Page 1
2 *“The majority of circuit breakers within Hydro’s system have been operational for*
3 *more than 30 years with a significant number in the late stages of, or beyond,*
4 *their normal lifecycle, ...”*

5 Please provide a list of all circuit breakers listed in Appendix D that are currently
6 considered to be beyond their normal lifecycle, and indicate the condition of each
7 unit.

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10 A. Currently, breaker B4B5 at the Bay d’Espoir Terminal Station # 1 (BDE TS1), is 50
11 years old and is the only breaker in Appendix D which is at the end of its normal
12 lifecycle of 50 years for air blast circuit breakers. An overhaul was completed on
13 breaker B4B5 in October 2010 and all test results were within acceptable
14 tolerances, and as a result this breaker is considered to be in an acceptable
15 condition. This breaker is scheduled to be replaced under the Lower Churchill
16 Project Breaker Replacement program in 2016.