

1 Q. [R15-Runners] - Please identify and describe the physical characteristics of runners
2 in Account R15, which would limit the life expectation by Hydro personnel to 33
3 years rather than 37 or 38 years. Further, explain what retired historically in this
4 account and why the limited level of retirement activity is supportive of only a 33-
5 year ASL.

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8 A. Runners are a significant component of turbines. The physical characteristics of
9 runners, which would limit the life expectation by Hydro personnel, are described
10 as part of the response to CA-NLH-274.

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12 There were six runners that went into service between 1967 and 1970 in Bay
13 d'Espoir. These were all replaced in the mid 1990s due to wear and the number of
14 welding repairs experienced. They were all less than 30 years of age. Given the
15 issues with the current runners, as well as the retirement activity that occurred to
16 date, Hydro does not consider a life of 37 or 38 years to be reasonable at this time.