

1 **Q. SUBSTATIONS**

2
3 **PUB 7.0 (RE: p. 25 & 26 of 73) Distribution System Feeder Remote Control**
4 **(\$1,114,000)**

5
6 **PUB 7.4**

7 **What is the expected life of the remaining electromechanical relays?**

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9 A. Newfoundland Power does not maintain data on the actual service lives of individual
10 relays. Without such information, it is not possible to perform an analysis to determine
11 the expected life of the remaining electromechanical relays.

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13 As noted in the report entitled *Distribution Feeder Remote Control and Relay/Recloser*
14 *Replacement Review* filed in response to Request for Information PUB-9.3 in the
15 Company's 2002 capital budget hearing, the principal reason for replacing the
16 electromechanical relays is their limited functionality and greater requirement for regular
17 maintenance when compared with currently available technology.