1 **Q.** **SUBSTATIONS**
2
3 **DISTRIBUTION SYSTEM FEEDER REMOTE CONTROL (POOLED), p. 19 of**
4 **81, $779,000**
5
6 **PUB 7.0**
7 **Please provide a general plan, giving an indication of the number of feeders that**
8 **will continue to use the older system at the end of each phase, for the replacement of**
9 **the Company's electromechanical feeder relays and oil-filled reclosers to 2010.**
10
11
12 A. The Company plans to complete the electromechanical feeder relay phase of this project
13 by the end of 2010. At that time all electromechanical relays will be replaced.
14
15 The Company does not plan to replace all feeder reclosers due to the prohibitive cost of
16 establishing telecommunications with some sites. It is currently expected that, at the end
17 of 2010, there will be 121 reclosers that will not be automated. Of the 121 remaining, 36
18 will not be part of an automation project. The remaining 85 will be automated beyond
19 2010 as resources and priorities permit. Newfoundland Power will continue to monitor
20 telecommunications developments that may ultimately allow the inclusion of all reclosers
21 in the project.
22
23 The timing of both the relay and recloser phases of the plan may change as detailed
24 engineering is undertaken for each substation and costs are better defined. The expected
25 annual replacements are shown in Table 1 below.
26

Table 1				
Relays and Reclosers **Expected Annual Replacements**				
	Relay Controlled Feeders		**Recloser Controlled Feeders**	
Year	**Annual Completion**	**Feeders Remaining**	**Annual Completion**	**Feeders Remaining**
2006	16	47	3	129
2007	15	32	0	129
2008	12	20	2	127
2009	11	9	3	124
2010	9	0	3	121

27