

1 **Q. Approximately what percentage of Newfoundland Power's transmission lines does**  
2 **not meet its current design criteria? Approximately what percentage of its**  
3 **distribution feeders does not meet its current criteria?**  
4

5 A. Newfoundland Power does not have the data required to provide the percentage of  
6 transmission lines and distribution feeders that do not meet current design standards.  
7

8 All of the Company's transmission lines and distribution feeders were designed and  
9 constructed to meet or exceed the applicable design standards at the time of construction.  
10 The current applicable design standard for aerial transmission and distribution lines is  
11 CSA Standard C22.3 No. 1 Overhead Systems. The Company uses this standard as a  
12 minimum design standard and has traditionally exceeded the requirements of this  
13 standard.  
14

15 In 2001 there was a change to CSA Standard C22.3 No. 1 Overhead Systems that  
16 changed the loading criteria for the Avalon and Bonavista Peninsulas on the Island of  
17 Newfoundland from "Heavy" to "Severe". See response to Request for Information  
18 PUB-NP-242 for further information on these criteria.  
19

20 Due to Newfoundland Power's traditional practice of exceeding the minimum CSA  
21 standard, it is expected that the incidence of transmission lines and distribution feeders  
22 which do not meet current design criteria would be relatively low.