

1 **PUB 16.0**  
2 **(RE: p. 52 of 82) Trunk Feeders Improve Distribution System Protection / Operation**  
3 **(\$457,000)**  
4

5 **PUB 16.2**  
6

7 **Q. What are the plans of the Company with regard to installing lightning arrestors?**  
8 **Over what period of time does the Company intend to carry out these plans?**  
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10 A. In 1995, Newfoundland Power identified 31 distribution feeders as being prone to  
11 lightning strikes, based on outage statistics. The Company implemented a program to  
12 install lightning arrestors on pole-mounted transformers on these 31 feeders. In 1999, a  
13 second review was undertaken, using more accurate and up to date data on lightning  
14 strikes. As a result of the second review, an additional 41 feeders were identified as  
15 requiring lightning arrestors.  
16

17 To date, approximately 10,000 transformers have been identified as requiring lightning  
18 arrestors. Since 1995, approximately 4000 of these arrestors have been installed. The  
19 Company plans to install the remaining 6,000 arrestors over the next 5 years.