

1 **Q. Further to the response to PUB-NP-082, explain the qualifications of “Relay**  
2 **Technicians” and the training they receive (is there an apprenticeship program?)**  
3 **and their usual functions such as installing relay systems (or does Power Line**  
4 **Technicians do that?), testing relays, and troubleshooting relay issues. Why does**  
5 **Newfoundland Power not include technologists with its Protection and Control**  
6 **personnel?**

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8 A. Relay Technicians listed in the response to Request for Information PUB-NP-082 are  
9 actually Engineering Technologists. Power Line Technicians do not install, test or  
10 troubleshoot relays. Relays are installed by Newfoundland Power’s electrical  
11 maintenance personnel or electrical contractors.<sup>1</sup>

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13 The Engineering Technologists that are identified as Relay Technicians in Table 1 of the  
14 response to Request for Information PUB-NP-082 have received additional training post-  
15 graduation in protective relay technology, operation and implementation. This includes  
16 attending training sessions on individual relays provided by the manufacturer. There is  
17 no formal apprenticeship program. Before working independently, these technologists  
18 work alongside more experienced Engineering Technologists to gain job specific  
19 experience. Engineering Technologists that are qualified to work as Relay Technicians  
20 also work in the area of substation design creating protection and control AC and DC  
21 schematics which provides context for testing relay schemes, commissioning relay  
22 system installations, and troubleshooting operational issues with relays.

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<sup>1</sup> The Company also purchases prewired protection panels with the relays preinstalled for substation refurbishment projects.