

1 Q. **Tab D – Projects Over \$200,000 and Less Than \$500,000: p. D-27 – Replace**
2 **Powerhouse No. 1 Station Service Transformer, Bay d’Espoir**

3 Please outline the number of fault levels and arc flash levels occurring within the
4 powerhouse’s station service system during the last five (5) years.

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7 A. Electrical faults and arc flash incidents are rare events which have the potential to
8 result in injury or death to workers, and damage to equipment. Incidents of this
9 type within the Bay d’Espoir generating plant could result in extended service
10 interruptions to customers. The efforts recommended in this project will help Hydro
11 workers and external contractors avoid these risks which were identified during a
12 recent review of the station service system. There have been no incidents within
13 the Bay d’Espoir powerhouse’s station service system during the last five years.

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15 Please also refer to Hydro’s response to IC-NLH-049.