

1 Q. **Project D-27: Replace Powerhouse No. 1 Station Service Transformer - Bay**
2 **d’Espoir**

3 Tab D of Hydro’s 2016 Capital Budget Application, at pages D-27 to D-30, states that
4 the station service transformers located at the Bay d’Espoir generating plant have
5 not failed since their installation, but they do not provide adequate fault current
6 production. Please provide a log of incidents relating to the transformers’
7 inadequate fault current production at the Bay d’Espoir generating plant.

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10 A. Electrical faults and arc flash incidents are rare events which have the potential to
11 result in injury or death to workers, and damage to equipment. Incidents of this
12 type within the Bay d’Espoir generating plant could result in extended service
13 interruptions to customers. The efforts recommended in this project will help Hydro
14 workers and external contractors avoid these risks which were identified during a
15 recent review of the station service system. Incidents related to inadequate fault
16 protection at the Bay d’Espoir generating plant have not been recorded.

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18 Please also refer to the response to RFI CA-NLH-005.