

1 Q. **Re: Marine Terminal Refurbishment**

2 At p. C-4 it stated that: the "Plant decided to have the copper sheathed heater
3 cables to be jacketed with HI Density Polyethylene to protect the copper sheath
4 from corrosion. The maximum allowable wattage for HI Density Polyethylene
5 jacketed heater cable is 8 watts per foot. Hydro did not change the heater cable
6 length to suit the lowered wattage loading." Why not and what was the result of
7 that decision?

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10 A. Page C-4 is from an investigative document produced in 2011. It indicates that
11 Hydro made an error back in 2002 by not changing the heater cable length to suit
12 the lowered wattage loading required when HDPE jacket was being installed. It
13 appears that a proper investigation did not take place by Hydro at that time which
14 would have identified the future overheating problem that would be experienced if
15 HDPE jacket was installed without changing the cable length.

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17 The result of the decision to use HDPE jacket cable, without changing its length,
18 resulted in pre-mature failure of the EHT cables.

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20 For additional information, please refer to the response to P2-CA-NLH-50.