

1 **Q. Re: Replace Fuel Oil Heat Tracing (Tab 4)**

2 At page 4, Hydro references discussions with the original equipment manufacturer
3 Tyco Thermal Controls, who manufactured the existing heat tracing system. It is
4 noted that based on these discussions it is anticipated that the existing copper heat
5 tracing cable would need to be replaced with a stainless steel heat tracing cable.
6 Did Tyco put the recommendation in writing? Has this recommendation been
7 confirmed?

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10 **A.** Yes, Tyco Thermal Controls put the recommendation for a stainless steel heat
11 tracing cable in writing. The initial recommendation was confirmed by e-mail on
12 April 9, 2010 and reconfirmed on March 31, 2011. Below are the respective
13 relevant email excerpts from Tyco Thermal Controls.

14

15 April 9, 2010:

16 "On the next design proposal a stainless steel cable would be an excellent choice. In
17 the meantime I think it would be a good idea to repair the other damaged electric
18 tracers and get all three phases in operation before next fall."

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20 March 31, 2011:

21 "TTC provided a budget to replace the heat tracing in December 2000 offering 3
22 options: self-regulating heating cables, mineral insulated heating cables or STS (skin
23 effect). It was suggested at this time to change the mineral insulated cables to
24 stainless steel. Alloy 825 heating cables have a higher operating temperature range
25 and offer better corrosion resistance than copper jacketed cables."