

1 Q. (Re: *2016 Standby Fuel Deferral Application*, February 5, 2016 Report, Page 8, Lines
2 1 to 8) Are there any standards as regards the appropriate thickness of such tube
3 walls?

4

5

6 A. The three boilers at Holyrood, including their boiler tubes, were constructed by the
7 original equipment manufacturer using Section 1 of the ASME Boiler and Pressure
8 Vessel Code. ASME Section I contains rules for calculating the required thicknesses
9 of boiler tubes when constructing a boiler.

10

11 When evaluating the operational implications of tube thickness, Hydro used advice
12 from experienced AMEC consulting engineers as well as guidance from its expert
13 boiler maintenance contractors during maintenance overhauls. Hydro's boiler
14 maintenance contractor, Babcock & Wilcox (B&W) also provided Plant Service
15 Bulletin, Tube Thickness Evaluation Repair or Replacement Guideline, PSB-26, which
16 is provided as an attachment to PUB-NLH-001.

17

18 Please also refer to Hydro's response to PUB-NLH-001 Attachment 1.