

1    Q.    **Upgrade Unit 1 Stack Breeching**

2            In evaluating Alternative 3 the annual O&M cost was estimated to be \$49,391, using  
3            the average of the 11-year maintenance history of the Unit 1 stack breeching as  
4            shown in Table 1, page 9 of the report: "Upgrade Unit 1 Stack Breeching, Holyrood  
5            Thermal Generating Station, July 2011".

6            In Alternatives 2 and 6 NLH estimates the O&M to be \$4,000 per year. Please  
7            provide details of what factors are included in this estimate and how the total is  
8            determined?

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11    A.    The total maintenance cost is estimated to be \$4,000 per year for Alternatives 2  
12            and 6. This is a relatively small cost that includes \$1,000 for ash removal and  
13            inspection and on average \$3,000 for minor work related to the following items:

- 14            a.    Removal of dislodged insulation blocks;
- 15            b.    Removal of loose pieces of floor cement;
- 16            c.    Minor steel repairs related to support structures, expansion joints or steel  
17            casing; and
- 18            d.    Touch up painting of exterior steel surfaces.

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20            These estimates were determined in discussion with the boiler service contractor.