

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 Please calculate, over the same 11-year period, the average annual cost for
7 maintenance of the Unit 1 Stack Breeching to exclude anything other than normal
8 maintenance costs for 2006.

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11 A. The maintenance history for the Unit 1 stack breeching in 2006 (see response to
12 PUB-NLH-1) included scaffolding erection, steel casing repairs and painting,
13 concrete floor replacement, and internal insulating block repairs. The concrete
14 floor replacement is not normal maintenance on the Unit 1 stack breeching. If the
15 cost of the concrete floor maintenance (\$30,000) is removed in 2006, the re-
16 calculated average 11-year maintenance cost on the stack breeching is \$46,663. It
17 should be noted that in 2006, approximately 760 square feet of internal insulating
18 block was replaced which represents the majority of the maintenance cost
19 (\$261,410) for that year. Internal insulating block replacement is considered as
20 normal maintenance completed on the stack breeching. However, the amount of
21 internal insulating block replaced in 2006 was much larger as compared to the other
22 years considered in the maintenance history. In 2006, scaffolding was erected
23 throughout the breeching enabling a detailed internal inspection which indicated
24 that extensive replacement was required.