

1 Q. **Re: Replace Pump House Motor Control Centers-Holyrood, Vol. I, p. B-12; Vol. II -**
2 **Tab 6**

3 Please provide details of the preventative and corrective maintenance that has
4 been carried out on each of Pumphouse 1's and 2's motor control center from 2004
5 to date.

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8 A. Tables 1 and 2 in Section 3.4 list the preventive and corrective maintenance
9 expenditures that have been carried out from 2004 to 2008 on MCC C6 in
10 pumphouse 1 and MCC CWP34 in pumphouse 2. Specific details of the
11 maintenance history are listed below.

12

13 **Pumphouse 1 (MCC C6) – 5 Year Maintenance History**

14 **Preventive Maintenance**

15 **2004** – \$4,900 – A three-year maintenance check was performed which included
16 removal and cleaning of all contactor assemblies, lubrication of auxiliary contacts,
17 checks for rust and loose wires, cleaning of inside and outside of cabinet and
18 cleaning of bus bars including bus bar spacers.

19 **2005** – None

20 **2006** – \$800 – All breaker and starter door handles in the motor control center
21 were inspected to ensure correct operation of handle interlock.

22 **2007** – \$6,300 – A three-year maintenance check was performed which included
23 removal and cleaning of all contactor assemblies, lubrication of auxiliary contacts,
24 checks for rust and loose wires, cleaning of inside and outside of cabinet and
25 cleaning of bus bars including bus bar spacers. All breaker and starter door handles
26 in the motor control center were also inspected to ensure correct operation of
27 handle interlock.

1 **2008** – None

2 **Corrective Maintenance**

3 **2004** – None

4 **2005** – \$1,700 – Twenty-five (25) defective breaker handles were replaced on MCC
5 C6.

6 **2006** – \$1,700 – Bus bars and bus insulators were cleaned.

7 **2007** – None

8 **2008** – None

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10 **Pumphouse 2 (MCC CWP-34) 5 Year Maintenance History**

11 **Preventive Maintenance**

12 **2004** – \$900– A three-year maintenance check was performed which included
13 removal and cleaning of all contactor assemblies, lubrication of auxiliary contacts,
14 checks for rust and loose wires, cleaning of inside and outside of cabinet and
15 cleaning of bus bars including bus bar spacers.

16 **2005** – \$100 – All breaker and starter door handles in the motor control center
17 were inspected to ensure correct operation of handle interlock.

18 **2006** – \$800 – All breaker and starter door handles in the motor control center
19 were inspected to ensure correct operation of handle interlock.

20 **2007** – \$1,400 – A three-year maintenance check was performed which included
21 removal and cleaning of all contactor assemblies, lubrication of auxiliary contacts,
22 checks for rust and loose wires, cleaning of inside and outside of cabinet and
23 cleaning of bus bars including bus bar spacers. All breaker and starter door handles
24 in the motor control center were also inspected to ensure correct operation of
25 handle interlock.

26 **2008** – None

27 **Corrective Maintenance**

- 1 **2004** – \$200 – The screen wash pump breaker was replaced due to shorted contacts
- 2 on A and B phases.
- 3 **2005** – \$400 – All breakers in MCC CWP-34 were tested to check the integrity of
- 4 over current relays.
- 5 **2006** – None
- 6 **2007** – None
- 7 **2008** – \$600 – The overload block on the breaker for the overhead door heater was
- 8 repaired.