

1 Q. With reference to the Technical Conference on Project B -14 Holyrood  
2 Condition Assessment, the 2006 “spike” DAFOR was attributed to a failure in  
3 Unit 2. What was the cause or primary causes of the DAFOR “spikes” in  
4 1997, 1999 and 2002?

5

6

7 A. The primary causes of the DAFOR “spikes” in 1997, 1999 and 2002 were:  
8 **1997** – forced outage and forced extension of planned outage due to turbine  
9 problems on Unit #1; operation under forced derating due to air heater  
10 fouling on Unit #2; and, operation under forced derating due reheater fouling  
11 on Unit #3; **1999** – forced outage due to hydrogen leakage on Unit #1; forced  
12 extension of planned outage due to high turbine vibration on Unit #2; and,  
13 operation under forced derating due to boiler feed pump problems on Unit  
14 #3; **2002** – forced outage for pothead maintenance on Unit #1; and, forced  
15 outage due to waterwall tube failure and forced extension of planned outage  
16 for forced draft fan motor overhauls on Unit #3.