

1 **B-14 Holyrood Condition Assessment, \$3,334,900**

2 Q. Please explain the difference between “dual firing (#6 oil/natural gas) and
3 “combined cycle operation”.

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6 A. The two are not related. Dual firing would involve the modification of the
7 existing plant’s fuel system, control systems and boilers to permit the
8 combustion of either the existing fuel, #6 oil (Bunker C), or of natural gas,
9 should that fuel become available. Combined cycle operation would involve
10 the repowering of the facility using combustion turbines. The hot exhaust
11 from the combustion turbines would be directed to heat recovery steam
12 generators which would produce steam for use in steam turbines. This
13 process increases the overall efficiency of the power cycle from 35% to as
14 much as 60%.