

1 Q. RE: p. B-17 Replace Ventilation System at Powerhouse No. 1 - Bay d'Espoir
2 (\$164,000)

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4 9.1 When were the current fans installed? At the time was it realized that
5 unit outages would be required in order to maintain these fans? Were
6 other options investigated?

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8 9.2 In the past, have there been forced outages as a result of the high
9 ambient temperature in the powerhouse? Provide details for the
10 period 1995 – 2000.

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13 A. 9.1 The current fans were installed when the powerhouse was
14 constructed in the 1960's. We are not aware if the powerhouse
15 designers realized that unit outages would be required to maintain
16 these fans. Provision of new fans located on the roof is the most
17 viable option. Other alternatives, such as air conditioning, are more
18 expensive.

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20 9.2 There have not been any forced outages as a result of high ambient
21 temperatures, however, any time an outage is required for
22 maintenance of these fans it has an impact on the plant incapability
23 factor. It is recognized that high ambient temperatures increase the
24 rate of degradation of equipment, such as windings and other
25 insulation systems.