

1 Q. Re: 2013 Capital Projects Over 200,000 but less than 500,000: p. D-33 Upgrade
2 Generator Bearings (Bay d’Espoir):
3 With reference to Table 2 at p. D-36, is there an acceptable or normal amount of
4 oil additions due to leakage on an annual basis?

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7 A. Any oil additions to the generator bearings due to oil leakage are considered
8 unacceptable as they will contaminate the unit and create safety hazards. Oil
9 contamination on the generator windings reduces the life of the windings due to
10 operating at higher temperatures which accelerates aging of the winding insulation.
11 This contamination also increases maintenance costs to clean the windings
12 periodically to reduce the aging effect of a contaminated winding. The safety
13 hazards are primarily due to the slippery surfaces on the walkway below the
14 generator that operators and maintenance personnel have to access for normal
15 operation and maintenance activities.