

1 Q. **Re: p. B-112** Restate the Project Costs in this Explanation to show
2 separately the cost of the work related to the set intended for Generation
3 Operations at Bay d’Espoir, and explain what has given rise to the need for
4 that set.

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7 A. The four test sets to be purchased will be similar, therefore the costs
8 associated with the Generation Operations set is approximately, \$90,000, or
9 one quarter of the total budget estimate.

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11 In recent years, most new and upgraded equipment in the plants have used
12 digital technology. This new digital equipment requires new state of the art
13 digital signal processing test equipment to test and maintain it. Digital
14 exciters at the Bay D'Espoir, Granite Canal, and Cat Arm plants, plant digital
15 fault recorders, and the protection and control equipment at the new Granite
16 Canal plant are some significant examples. The amount of equipment that
17 now requires this type of test equipment has increased tremendously in the
18 last 10 years and is expected to continue to grow. Most of this generating
19 equipment, such as the exciters, is critical, making the requirement for this
20 test equipment imperative, and readily accessible.