

1 **PUB 1.0**
2 **(RE: p. 9 & 10 of 82) Hydro Plants Facility Rehabilitation (\$2,345,000)**

3
4 **PUB 1.5**

5
6 **Q. Describe the expenditure for Fisheries habitat. What purpose is served by this**
7 **expenditure? Is this expenditure needed to meet environmental regulatory or**
8 **compliance requirements?**

9
10 A. The expenditure for fisheries habitat is for the purchase and installation of an automatic
11 bypass valve at the Lockston Plant to control the release of water into the plant's tailrace
12 channel when the plant is not in operation. The bypass valve will ensure there is
13 adequate water flowing through the tailrace channel at all times to support fish habitat.

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15 This expenditure is needed to meet environmental regulatory compliance requirements.
16 With the installation of a new penstock at the Lockston Plant, there is likelihood that
17 there would be no water flow in the tailrace channel when the plant is shut down, unless
18 remedial measures are taken. The installation of an automatic bypass valve will ensure
19 that the Company maintains compliance with the *Fisheries Act*, which forbids the
20 destruction of fish by any means other than fishing. The provision of adequate water
21 levels in tailrace channels has been a stipulated requirement of the Department of
22 Fisheries and Oceans in respect of other Newfoundland Power hydroelectric projects. In
23 recognition of this, the provision of adequate water flow for fish is now a standard
24 requirement under the Newfoundland Power's Environmental Management System.