

1 **Q. What is the age of the steel section of the penstock? Has it ever been coated to reduce**
2 **corrosion (page 3, Volume II)?**

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4 A. The steel section of the penstock is 48 years old, which is the same age as the woodstave
5 section.

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7 The steel penstock was coated on the exterior of the pipe when it was installed in 1958.
8 The interior of the pipe was never coated. The exterior of the pipe has been coated three
9 times since 1980, with the most recent recoating taking place in the late 1990s.

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11 The exterior coating is in fair to good condition. But, the internal inspection carried out
12 in 2003 revealed corrosion on the interior of the pipe.

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14 It is estimated that the steel section of the penstock has a remaining life of 20 years.
15 Coating the interior at this time as proposed is expected to extend the life of this section
16 of the penstock to 50 years.