

General

Q. Ref: PUB-38 NP. Given that Newfoundland always has had a salt contaminated environment, please explain why this static condition is the cause of the “significant increases” in the quantities of corroded conductors.

A. The significant increase in the quantity of corroded conductor is due to the aging of the conductor in a salt contaminated environment. While the salt contamination environment may be static the impact of salt on the conductor over time is not static but cumulative. As the conductor ages and the length of time that it is exposed to the salt air increases, the conductor becomes more deteriorated. This, coupled with the significant expansion of the power system that occurred in the 1960’s and 1970’s contributes to “significant increases” in the quantities of corroded conductors.