Department of consumer and corporate affairs / Ministère de la consommation et des corporations

SPE-265
G 1145-57/C377-110
GL 1145-57/C377-110(E)

OTTAWA, March 12, 1973.

SPECIAL APPROVAL

Granted to: Cegelec Canada Ltd.,
1400 Industrial Boulevard,
Laprairie, Quebec.

Attention: Mr. G. Drouin

Subject: Three Only Alsthom Savoisienne Type CH 72.5-14 72.5 Kv 69000/√3-114 volts, 600/300-5 Amp. 60 Hz Metering Units, Serial Numbers K 72047-01, -02, -03

Special Approval has been granted by the Standards Branch for use in Canada for billing purposes to the above-named apparatus.

These metering units consist of an oil-filled tank mounted on the top of a porcelain insulator.

Inside this tank is a voltage transformer with a single secondary winding rated at 69000/√3-114 volts, and a current transformer with a single tapped secondary winding rated at 600/300-5 amperes.

The voltage transformer primary winding is connected between the high voltage terminal H2 and ground and the current transformer primary winding is connected between the high voltage terminals H1 and H2.

The voltage transformer secondary terminals are identified as "X1" and "X2" with X1 having the same polarity as H2.

The current transformer secondary terminals are identified as X1. x 2 and x 3. X1 has the same polarity as H1 and the 600-5 ampere ratio is available from terminals X1-X3 and the 300-5 ampere ratio is available from terminals X2-X3.

Standards Branch
Direction des normes

The accuracy rating of the voltage transformers is 0.3WXYZ which is marked on the nameplates.

The accuracy rating for the current reansformers, marked on the nameplate is 0.3B2.0. This is an American Standard (ASA), which is somewhat different from the CSA rating, and denotes the fact that the accuracy is within the 0.3 class at 2.0 ohms burden. It does not imply that the accuracy is within the 0.3 class at lower burdens and in fact at lower standard burdens the accuracy class is 0.6.

These transformers are erected at the Consolidated Bathurst Substation for use by Hydro Quebec.

W.J.S. Fraser,
Chief,
Electricity and Gas Division.

c.c. Mr. J. B. Dumas, Montreal
Mr. J. O. Bedard, Quebec
Quebec Hydro (through Mr. Bedard)
Mr. J. R. Audet