



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



SPE-187

SE-85-T
SL-100-110
SL-100-SPE

OTTAWA, October 16, 1970

SPECIAL APPROVAL

Granted to: New Brunswick Electric Power Commission,
Fredericton, N.B.

Attention: Mr. D. M. Ellison,
T&D-R&D Distribution Division.

Subject: Three Only Alsthom Savoisiennne Type IH345R-12
345kv, Outdoor Oil filled Current Transformers
1200/800/600-5-5-5-5 amp. 60 hz, Serial Numbers
K69711 01 1, K69711 01 2 and K69711 01 3.

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

Each of these current transformers contains four separate cores identified as "W", "X", "Y" and "Z". Each of these cores is wound with a tapped secondary winding with leads brought to terminals in a terminal box at the base marked W1, W2, W3, W4, X1, X2, X3, X4 etc.

The suffix "1" has the same polarity as the primary terminal marked "H1" and the ratio of 1200-5 is obtained from terminals 1 and 4, ratio 800-5 from terminals 1 and 3 and ratio 600-5 from terminals 1 and 2.

This approval covers only those ratios available from the "X" and "Y" terminals.

A schematic diagram on an attached plate indicates the secondary terminals to be used to obtain the desired ratio.

The nameplate is marked with the accuracy rating 0.3B1.0 as applying to the "X" and "Y" windings but it does not state if it refers to the 1200-5 ratio only or to all ratios.

The approved accuracy rating found by test and applying to the "X" and "Y" windings is as follows:

1200-5 ratio 0.3B0.1, B0.2, B0.5, B0.9, B1.0, B1.8, B2.0
800-5 ratio 0.3B0.1, B0.2, B0.5, B0.9; 0.6B1.0, B1.8, B2.0
600-5 ratio 0.3B0.1, B0.2, B0.5; 0.6B0.9, B1.0

These transformers will be installed at the Keswick terminal station of the New Brunswick Electric Power Commission.

W. J. S. Fraser

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

c.c. Mr. C. Vachon, D.I. of E&G Fredericton, N.B.