

SPR-234

SE-85-1-0  
SL-100-10% (K)  
SI-100-SPW

OTTAWA, October 27, 1971.

SPECIAL APPROVAL

Granted to: Canadian General Electric Company Ltd.,  
940 BROADWAY AVENUE,  
Toronto 4, Ontario.

Attention: Mr. R.D. Kuppire,  
Manager-Engineering  
Distribution & Speciality Transformers

Subject: Seven Only Canadian General Electric Type "CV-1"  
Capacitor Voltage Transformers, 230,000 OrdY/138,000-  
115-69, 115-69 volts, 60 Hz, Serial Numbers 777675,  
777676, 777677, 777678, 780695, 780696 and 783825.

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

These capacitor voltage transformers are each an assembly of two coupling capacitors and a base containing a type PY-10 intermediate voltage transformer, reactor and protective equipment. The bases may also contain carrier equipment.

Assembly must be such that the capacitor units bear the same serial numbers as their respective bases.

The accuracy rating is 0.5%RXX;C.0Z-0.6Z on either the full winding or the tap and applies to the secondary winding when the tertiary winding is not loaded, to the tertiary winding when the secondary winding is not loaded and to both windings when the designated burden is divided in any proportion between them, and C.6Z-0.6% on either the full winding or the tap applies to the secondary winding when the tertiary winding is loaded with Z burden and vice versa.

This approval is valid only for the following connections.

serial 777675

L1 = 10 to 11; 2 to 7; 3 to 4  
L2 = 11 to 12; 6 to 8; 9 to Grnd.  
Intermediate transformer #1, serial 760311

serial 777676

L1 = 10 to 11; 2 to 6; 3 to 4  
L2 = 11 to 12; 5 to 8; 9 to Grnd.  
Intermediate transformer #1 serial 759650

serial 777677

L1 = 10 to 11; 2 to 5; 3 to 4  
L2 = 11 to 12; 6 to 8; 9 to Grnd.  
Intermediate transformer #1 serial 766252

serial 777678

L1 = 10 to 11; 2 to 7; 3 to 4  
L2 = 11 to 12; 5 to 8; 9 to Grnd.  
Intermediate transformer #1 serial 761638

serial 760399

L1 = 10 to 11; 2 to 6; 3 to 4  
L2 = 11 to 12; 5 to 8; 9 to Grnd.  
Intermediate transformer #1 serial 760259

serial 760396

L1 = 10 to 11; 2 to 7; 3 to 4  
L2 = 11 to 12; 6 to 8; 9 to Grnd.  
Intermediate transformer #1 serial 760304

serial 760325

L1 = 10 to 11; 2 to 5; 3 to 4  
L2 = 11 to 12; 7 to 8; 9 to Grnd.  
Intermediate transformer #1 serial 760291

These transformers are 1/2 of a group of 24 of the same type and rating for use by Manitoba Hydro. The first 3 of the group received approval under SPD 212 and the second 3 received approval under SPD 213.

Please note that included in SPD 213 is one transformer serial number 777669 in which the intermediate transformer has gone "open-circuited" and hence the special approval covering this transformer is hereby withdrawn.

M.S.D. Fraser,  
Chief, Electricity & Gas Division.