

SPE-172

SE-85-1-6  
SL-100-102  
SL-100-SPE

OTTAWA, March 3, 1970.

SPECIAL APPROVAL

Granted to: Canadian General Electric Company Limited,  
940 Lansdowne Avenue,  
Toronto, Ontario.

Attention: Mr. R. D. Maguire,  
Manager-Engineering,  
Distribution & Specialty Transformers

Subject: Nine Only Type "CV-1" Capacitor Voltage Transformers  
230,000 vrd Y/138,000-115/69-115/69 volts 60hz serial  
numbers 698944, 698945, 699984, 699985, 699986, 699996,  
698988, 698987 and 708125.

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 Y-10 intermediate voltage transformer, reactor and protective equipment. The base may also contain carrier accessories.

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

The metering accuracy rating is 0.3% $\pm$ 2 on either secondary with the other secondary open, and 0.6% on either secondary with the other secondary loaded with Z burden. This applies to both ratios. The accuracy rating marked on the nameplates is 0.3% $\pm$ 2; 0.6% $\pm$ 0.6%.

This approval is valid only for the following connections:

serial 698944

L-4 = H3 to 1A; 2 to B; 5 to H  
T-1 = F to A; D to ground

Serial 699925

L-2 = H3 to 1A; 2 to 7; 4 to H  
T-1 = E to D; C to ground

Serial 699924

L-4 = H3 to 1A; 2 to 7; 4 to H  
T-1 = F to B; D to ground

Serial 699925

L-4 = H3 to 1A; 2 to 3; 5 to A  
T-1 = E to D; A to ground

Serial 699926

L-4 = H3 to 1A; 2 to 3; 7 to H  
T-1 = E to D; A to ground

Serial 699926

L-4 = H3 to 1A; 2 to 7; 4 to G  
T-1 = E to B; A to ground

Serial 698926

L-4 = H3 to 1A; 2 to 7; 5 to E  
T-1 = E to A; B to ground

Serial 698927

L-4 = H3 to 1A; 2 to 8; 4 to E  
T-1 = E to A; B to ground

Serial 700425

L-4 = H3 to 1A; 2 to 7; 4 to F  
T-1 = F to D; B to ground

These transformers are for use by Manitoba Hydro and six of the nine units are to be installed at the Bersey Station and the remaining three at the La Verendrye Station. Any of these transformers may be installed in either location.

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

c.c. Mr. R. H. Young, D.I. of M&C, Winnipeg  
Manitoba Hydro (forwarded through Mr. Young)