

ST-85
SL-100-5
SL-100-SPE

Ottawa, February 29, 1968.

Sumitomo Shoji Canada Ltd.,
1116, 510 West Hastings Street,
Vancouver 2, B. C.

Attention: Mr. S. Hasegawa,
President.

SPECIAL APPROVAL - Four Only - Mission Electric Company
500kv Metering Units

Dear Sirs:

This is to advise that Special Approval has been granted by the Standards Branch, for use in Canada for billing purposes, to the above-named apparatus. Each metering unit consists of a Type "PDR-50E-5B" Coupling Capacitor Potential Device and a Type "PC-50S" Current Transformer.

Each Coupling Capacitor Potential Device is rated $500/\sqrt{3}$ kv rms line to ground, 60hz. It has three tapped secondary windings, designated X, Y and Z, with full winding ratios of 2600-1 and tapped winding ratios of 1500-1. The winding for tariff metering (X winding) is accuracy rated 0.3%XY, 0.6% with 0 to 100va burden on either other or both other secondary windings. The serial numbers of the four approved units are 307521, 307522, 307523, 307524.

Each Current Transformer is rated 1200/5VA-5 arms, $500/\sqrt{3}$ kv, 60hz. It has two primary windings marked H₁-H₂ and H₃-H₄. With the primary windings in parallel the ratio is 1200-5; with windings in series the ratio is 600-5. There are two secondary windings marked 1X₁-1X₂ and 2X₁-2X₂. The accuracy rating is 0.3F2.0 on either secondary at either ratio whether or not the other secondary is loaded. The serial numbers of the four approved units are 301855, 301856, 301857, 301858.

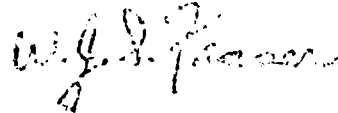
Both the Capacitor Potential Devices and the Current Transformers may be partially dis-assembled into two or three parts for shipping. Each of these separate components of a unit will carry the same serial number and on re-assembly it is imperative

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that strict attention be paid to matching together the pieces having a common serial number.

This apparatus is for the B. C. Hydro & Power Authority for installation at the Ingledow Substation.

Yours very truly,



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

WJSP/hco

c.c. to: Mr. R.G.D. Ward, Dist. Insp. of Electricity and Gas, Vancouver
c.c. to: B. C. Hydro & Power Authority (through Mr. Ward)