



Department of Consumer and Corporate Affairs / Ministère de la consommation et des corporations



SPE-210

SE-69-6  
SL-100-E  
SL-100-SPE

Ottawa, Ontario  
K1A 0C9  
April 20, 1971.

SPECIAL APPROVAL

Granted to: Nova Scotia Power Commission,  
P.O. Box 910,  
Halifax, N.S.

Attention: Mr. Reg. Mullon,  
Chief Engineer

Subject: One Only Sterling Elapsed Time Indicator  
Number L70 115 volts 60 Hz

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

This elapsed time indicator is driven by a synchronous motor and has 6 drums to indicate the duration of the time that power has been applied to it. The readout is in hours and 0.1 hours, the latter being displayed on the first drum.

Because of the non-uniform movement of the first drum, the difference between the true time and the indicated time can be as much as 3 minutes depending upon the alignment of the numerals in the window.

This elapsed time indicator will be energized, along with the potential coils of watt-hour meters, by a relay operated by a switch on a Speedomax set at 20MW so that together they will indicate the duration of the time and the amount of energy that was consumed during the period the demand was in excess of 20 megawatts.

The base rate of 20 megawatts multiplied by the time in hours represents the energy consumed below the 20 megawatt rate, and is to be subtracted from the kilowatt hour readings of the meters operated by the relays.

This elapsed time indicator is for use at the Nova Scotia Pulp by the Nova Scotia Power Commission.

*W.J.S. Fraser*

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

Standards Branch  
Direction des normes

c.c. Mr. R.C. Bruce, D.I. of E&G  
Halifax, N.S.