SPE-0221

Department of Consumer and Corporate Affairs / Ministère de la Consommation et des Corporations

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SL-100-[illegible]
SL-100-[illegible]

Ottawa, July 9, 1971

[illegible]

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

ATTENTION: Mr. J. Kimura, P. Eng.,
Project Engineer

Subject: Four Only Sterling Elapsed Time Indicator
Number 170 115 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 watthour meters, by a relay operated by a switch on a [illegible] 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.

The elapsed time indicators are for use at the Michelin Tire Plants at Granton Road and Bridgewater and the Nova Scotia Pulp Substation by the Nova Scotia Power Commission.

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One of the elapsed time indicators will be used in the Nova Scotia Pulp Substation in addition to the unit receiving special approval under SPE-210 of April [illegible], 1971.

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

c.c. Mr. R. C. Bruce, Halifax.