



Consumer and Corporate Affairs Consommation et corporations

OTTAWA, Ontario

Consumer Standards Directorate Direction générale des normes

Sept. 23, 1977

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G-6635-6

SPECIAL APPROVAL

Granted to: Northwestern Utilities Limited
10040 - 104 Street
Edmonton, Alberta
T5J 2S3

Attention: Mr. W.J. Vornbrock, P.Eng.
Senior Measurement Engineer

Subject: Installation of Automatic Meter Reading
Equipment on Sprague Meter Company Type
240 Gas Meters

Special Approval is hereby granted by the Standards Directorate to Northwestern Utilities Limited for installation of automatic meter reading encoders on Sprague type 240 domestic gas meters for a trial period.

The modification consists of replacement of the 1,000 cubic feet capacity index pointer by a plastic disc magnet, which may be either a 2 pole or a 10 pole magnet. A Hall effect detector device is cemented to the index face adjacent and tangential to the magnet disc.

Cable from the encoder sensor device is connected to a remote transponder box.

Purpose of this trial, which will involve some 2,000 gas meters, is to examine the technical merits of the proposed system.

Approval of this modification does not authorize the billing to be based on any remote registration provisions.

Any standard or T.C. version Sprague type 240 gas meter may be modified for this trial use.

R.L. Smith
Chief, Electricity & Gas Division

c.c. Mr. F. Nash, District Inspector (E&G)
Edmonton, Alberta