

SPE-0178

CONFIDENTIAL
SPE-0178
SPE-0178
SPE-0178

CONFIDENTIAL, July 27, 1970.

CONFIDENTIAL

TO: Mr. J. S. Innes,
Chief, Electricity and Gas Div.,
U.S. Atomic Energy Commission.

SUBJECT: Mechanical design of relays for telemetering.

ATTENTION: Mr. J. S. Innes,
Teleprinter - Special Recording,
Provisional Metering Service.

Special approval has been granted by the Standards Branch to implement the mechanical design of relays, outlined on attached sheets, SPE-0178 and SPE-0179, for pulse transmission and reception in telemetering applications.

The design calls for a wiring arrangement of the transmitting unit and a similar wiring arrangement of the receiving unit. In both cases the two relays are mounted on one 2 1/2" face of the Hammond utility base, and terminal block is located on the other face on the long side opposite the relays and the remaining components are enclosed within the base.

It should be noted that the mechanical arrangement of these units requires them to be located in a locked room; the relays are exposed, there are no locks on the utility base and the terminal blocks are unprotected. Unless the units are located in a locked room or enclosure they may be subject to mechanical disturbance or casual tampering.

W. S. Innes,
Chief,
Electricity and Gas Divn.

- cc: Mr. J. S. Innes, Houston, Tex.
- cc: Mr. J. S. Innes, New York, N.Y.
- cc: Mr. J. S. Innes, Field Division, W.D.
- cc: Mr. J. S. Innes, Madison, Wis.
- cc: Mr. J. S. Innes, Ottawa, Ont.