

## Internally Operated Tap Changer Mechanism

### INSTRUCTIONS

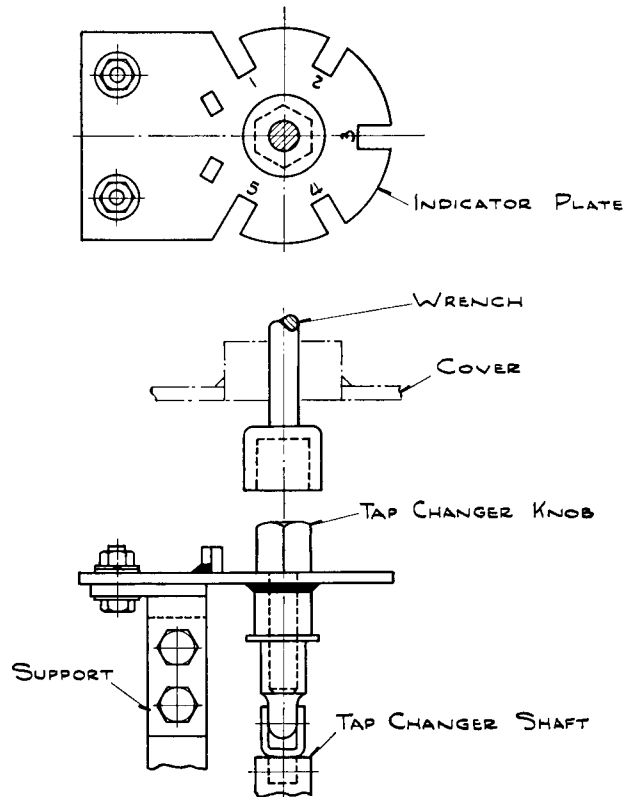


FIG. 1—NETWORK TRANSFORMER-TAP CHANGER  
OPERATING MECHANISM

#### GENERAL

The tap changer mechanism is located under a 2" standard bronze pipe plug in the transformer cover, and is operated by removing the plug and inserting a  $1\frac{1}{8}$ " hex. socket wrench through the hole in the cover.

Positions are indicated by a pointer on the operating knob. A ball plunger helps locate and hold the tap changer on position.

#### OPERATION

This mechanism is used with a no-load tap changer and the transformer must be de-energized before operating.

To operate, remove the pipe plug. Check position of tap changer, using flashlight if necessary, and then place wrench on operating knob and turn to the desired position. The mechanism will click between positions and again on position. Check the final position after removing the wrench. Apply vaseline to the threads on the pipe plug and screw tightly into place.

#### MAINTENANCE

This mechanism has no glands to pack or other parts to get out of order. It is only necessary to have the plug

tight in the cover to prevent leakage at this point.

Tighten the plug periodically; remove, and apply vaseline to the plug threads every year whether or not it is desired to operate the tap changer.

#### RENEWAL PARTS

If parts for the operating mechanism are required refer to Figure 1 giving description of parts.

#### ORDERING INFORMATION

Order parts from nearest Westinghouse Electric and Manufacturing Company office or from the Sharon, Pa., Works.