hydraulic-power unit comprising a transmission and associated-stroke control. Frequency analysis acts as the tool for investigating effect of certain system parameters upon the performance of several power-unit components. *ASME Paper No. 47-A-70.*

Low-Pressure Steam-Heated Distilling Plants, *by A M Impagliazzo, R M Bean, Griscom Russell Co.* The advent of relatively high steam pressures in marine power plants superimposes a need for extremely pure feedwater on the old problem of supplying merchant vessels with pure water. Distillation by means of low-pressure steam-heated distilling plants offers advantages from both engineering and economic standpoints.

This paper discusses these advantages. It touches on recent literature covering the economic side and then goes into the various equipments suited for distillation. *ASME Paper No. 47-A-86.*

Analysis of Tests on Positive Displacement Meters for Liquid Hydrocarbons, *by E E Ambrosius, Pennsylvania State College.* Characteristics of displacement-type mechanical meters when measuring liquid hydrocarbons constitutes the subject of this paper. It is a continuation of an earlier paper. Included are amplification of results and a method of analysis of data from tests conducted by the ASME special Research Committee and the American Petroleum Institute Topical Committee on Volumetric Research. *ASME Paper No. 47-A-72.*

Flow in Conductors
(*Continued from page* 108)

through the circuit. In practice, however, even a small current requires a coordinated drift of an inconceivable number of electrons. For example, in a continuous flow of one ampere, 6.3 billion electrons pass a given point in a circuit each second. This is known as an ampere-second or coulomb.

The little electron can be accused of responsibility for practically all electrical phenomena. All neutral bodies, that is those that do not manifest an electrical charge, have an equal number of electrons and protons in their structures. When a body has more electrons than protons it has a negative charge. Conversely, if a body is deficient in electrons it is positively charged.

Positive and Negative. It should be