Each night, from 11 p.m. to 6 a.m., the PDP-11 at CIS "talks to" a relay computer at the University of Delaware—sending out messages and receiving others.

Delaware's relay computer is one of two serving CSNET; the other is at the Rand Corporation, in Santa Monica, Calif.

CSNET relays messages between computers over ordinary commercial phone lines and commercial packet-switched networks such as Telenet and the Defense Department's ARPAnet. It offers no physical services of its own.

CSNET was organized in late 1981, and SU signed up as a member in December of that year.

Telephone equipment started being installed last summer to allow the PDP-11 in CIS to dial the University of Delaware's computer. In October, after CSNET software was modified for the PDP-11 here, the system went into operation, and by early this semester it was fully operational.

SU pays an annual fee of $5,000 to use the network, and is charged for telephone connection time with the relay computer. Users will be given accounts, but Prof. Bowen said the procedures still have to be worked out.

CSNET officials estimate that what they term "light users" of the network—those who send or receive up to 40 messages of 24 lines of text each month—will pay $125 per year. Heavy users—those who send or receive 300 messages of 50 lines of text a month—will pay about $625 per year.

This summer, a local area network, NET-ONE, will be installed to enable other campus computers in Link, Hinds and Machinery Halls to communicate easily with CIS's PDP-11, and thus with