



Fig. 16. Projected demand and anticipated hardware needed to keep pace with that demand at the MFE computer center. Projected demand comes from a 1976 survey in which users were asked to estimate their requirements by fiscal years. Immediate plans call for adding another CDC 7600 in 1977. We are also studying the possibility of adding a class VI (next-generation) computer as a third central processing unit in 1978.

conventional magnetic tape. However, these tapes must be manually retrieved, mounted, demounted, indexed, and stored.

A FILEM software effort under way during the past year has been programming the CDC 6400 to assume virtually all of the tasks associated with file custodianship, including indexing, storage, retrieval, and efficient management and allocation of the file storage media.

Future Growth

The immediate problem facing the MFE computer center is that the ever-increasing demand for more computing time has oversubscribed the capacity of a single 7600. We need at least one more 7600 and are also planning to add a class VI (next-generation) processor as a third major central processing unit in FY 1978. As an interim stop-gap measure, the center is currently acquiring blocks of computer time from