A conversion of the present 60-inch cyclotron is being planned. The conversion will follow as closely as possible the design of the Cyclotron at Michigan State University and it is believed that its performance will be substantially the same. An attempt will be made to produce a 2:1 frequency range either by permanent changes in the transition region or by removable inserts. It is our intention to retain the present magnet yoke, main magnet coils and power amplifier anode supply. Some changes may be made in the final amplifier to adapt it to our power supply. Magnet measurements will be made to determine the feasibility of using all or part of the present coils and to define the necessary changes in the magnet structure. The beam of the modified cyclotron will emerge at an angle of 90° to the present direction. This circumstance will enable us to utilize a storage vault as a new beam room. The present beam room will be used for high resolution spectroscopy as there is sufficient room in the cyclotron vault to install a beam analysis system. A new control room will be built to shorten the down time for conversion.