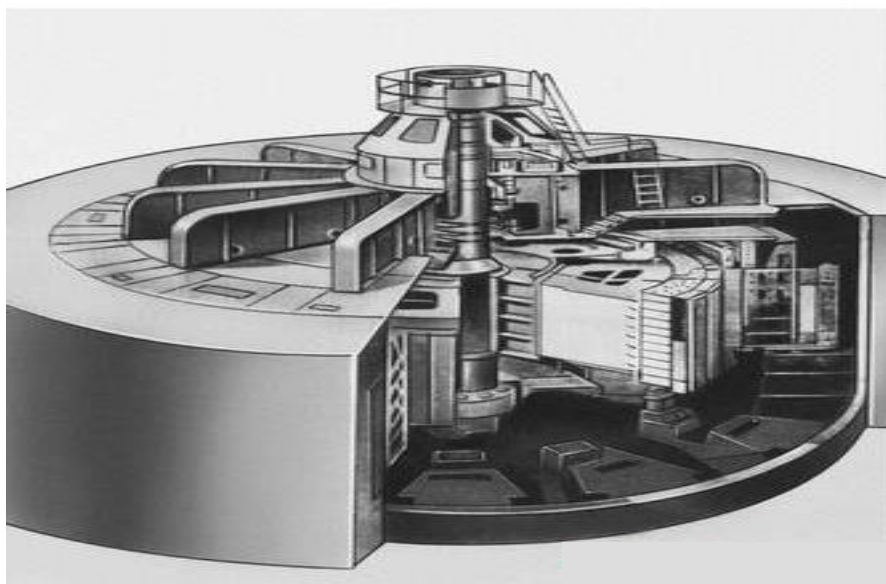


**O‘ZBEKISTON RESPUBLIKASI
OLYI VA O‘RTA MAXSUS TA‘LIM VAZIRLIGI**

H.F. Shamsutdinov, B.M. Pulatov, B.R. Normuratov

**GIDROENERGETIK QURILMALAR
ELEKTR QISMI, RELE HIMOYASI VA
AVTOMATIKASI**

o‘quv qo‘llanma



Toshkent – 2020