

Safe Atomic Energetical Installation with Ion Linac, YU.A. SVISTUNOV, M.F. VOROGUSHIN, Scientific Research Efremov Institute of Electrophysical Apparatus - There is discussed possibility of creation transported 300 MW atomic energetical installation with under - critical reactor controlled by ion rf linac. Chain reaction is initiated by outer neutron source. Neutrons may be obtained from different targets which are irradiated by intensive beam of accelerated protons. Theoretical and experimental information about proposed accelerator scheme and different blocks are given.