

INVESTIGATION OF FUNCTIONALS OF NEUTRON FLUX INFLUENCING ONTO VVER-440 REACTOR PRESSURE VESSEL

A. M. Pugach, V. L. Diemokhin, V. N. Bukanov, S. M. Pugach

Irradiation conditions of VVER-440 reactor pressure vessel are determined with the presence and absence of dummy cassettes at a core periphery. Distributions of neutron flux functionals onto the inner surface and in the depth of pressure vessel are investigated for various core loadings.