

V. L. Diemokhin, V. V. Ilkovich, V. M. Bukanov

**ESTIMATION OF THE ERROR OF FUNCTIONALS CALCULATION RESULTS
OF THE NEUTRON FLUX ONTO THE WWER-1000 REACTOR PRESSURE VESSEL**

It is shown that systematic calculation errors of functionals of the neutron flux onto WWER-1000 reactor pressure vessel are pseudorandom. The error of the neutron flux functionals is estimated on the basis of this fact and the data obtained with the reactor LR-0 benchmark and with the results of dosimetry measurements near reactor pressure vessels.

Keywords: reactor pressure vessel, calculation of the neutron flux functionals, calculation errors.