

ON IMPROVEMENT OF RADIATION SAFETY MANAGEMENT METHODOLOGY OF THE PERSONNEL ON THE ATOMIC ENERGY AND INDUSTRY OBJECTS

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The present situation of the management of the personnel safety working with nuclear materials and other sources of ionized radiation was analyzed. The drawbacks of the operating radiation protection system and the necessity of its improvement on the principally new concept base were indicated with regard to individual radio sensibility of the person while selecting the personnel to carry out radio hazard works. Conceptual possibility of the evaluation of the individual radio sensibility, the list of the needed medical and biological index was provided. Modern non- invasive express- methods were proposed.

Keywords: radiation protection, safety management, radio sensibility loading tests, blood circulation system, vegetative gomeostaz.