

THE RESEARCH OF RADIATION FACTORS OF THE NPP'S EQUIPMENT DEGRADATION

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The electric physical apparatus that is being constructed at the Institute for Nuclear Research, National Academy of Sciences of Ukraine for the research of the influence of radiation factors on NPP's equipment degradation processes is presented. The specific characteristics of this apparatus include possibility of forming large and strong radiation fields for the study of operation indicators of large equipment. Such research will make it possible to form the objective databases for prognostication and preliminary recognize of the emergency conditions in the NPP's equipment.