Effective Technologies of PLIM elements application at Russian NPPs

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Main elements of PLIM approach are discussed according to general statements of developed "PLIM Conception for Russian NPPs" adopted by RF Minatom Department of Nuclear Power and Russian Utilities. PLIM tasks are prioritized with respect to different levels in order to optimize their application: (1) for multiunit NPP site, (2) for NPP Unit, (3) for major systems, structures and components (SSC).

Interaction of generic and specific elements of PLIM technology is shown for different variants of application at NPPs. Peculiarities of PLIM application to NPP Units of different generation is discussed based on practical experience for Russian NPPs based on generic PLIM element development (regulatory base, technological base, informational base, etc.).