

Expectations of the Regulator on a Decommissioning Project

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According to the Russian Federal law №170/1995 “On the use of atomic energy” decommissioning of nuclear installations, radiation sources, storage facilities of nuclear material and radioactive waste have to be licensed by national regulatory body, namely Rostechznadzor. Licensing procedures are set by relevant Administrative Regulation for licensing in the field of atomic energy use, registered by Russian Ministry of Justice.

A set of federal norms and rules (NPs) are applicable for regulation of decommissioning project and associated activities, for example:

“Safety rules for decommissioning of NPP power unit” (NP-012-99);

“Safety rules for decommissioning of nuclear fuel cycle facilities” (NP-057-04, under revision);

“Safety assurance during decommissioning of facilities for atomic energy use. General provisions” (NP-091-14);

To ensure safety of decommissioning of a facility for atomic energy use the following key elements should be envisaged:

- all necessary technical, technological and organizational measures are established, environmental safety is granted,
- type of work for every stage of the Project is clearly defined,
- skilled and trained personal is available, radiation protection of personal and population is granted,
- all decommissioning waste shall be conditioned for storage and disposal, necessary waste treatment and storage/disposal capacity shall be assured,

Resulted safe state of the facility (or site) after completion of the Decommissioning Project should be substantiated by Safety Analysis Report and evaluated during licensing procedure.