

عنوان مقاله:

Installation of Dummy Fuel Assemblies During Loading-Unloading into the reactor core by Refueling Machine at commissioning stages

محل انتشار:

اولین کنگره سراسری فناوریهای نوین ایران با هدف دستیابی به توسعه پایدار (سال: 1393)

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خلاصه مقاله:

In this study the programme and procedure is developed to specify the order and sequence of Dummy Fuel loading from the cooling pond into the reactor and its unloading from the reactor into the cooling pond to be performed at the commissioning stage of WWER-1000 Reactor Plant with type V-446. The requirements of this programme shall be taken into account during elaboration and approval of the working programmes for dummy core loading-unloading. And in this study following activities such as work stage& purpose, requirement for safety & environment protection, technological restriction & instruction, readiness, initial stage of the external systems, criteria of work completion at the end algorithm of procedure performance the Loading-Unloading of dummy fuel assemblies reactor core of WWER-1000 and comparison between Real Loading Fuel Assemblies & Dummy Fuel Assemblies in Reactor Core have been .Described as well as are comparable with actual nuclear fuel loading process activities

کلمات کلیدی:

fuel assembly simulator, reactor plant, Algorithm, pressure loss coefficient

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