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Analysis of Chornobyl NPP Actual Costs Using International Structure for Decommissioning Costing

The paper presents the analysis of actual costs for the decommissioning of Chornobyl NPP units 1, 2 and 3 in compliance with the International Structure for Decommissioning Costing ISDC (according to IAEA recommendations) in 2002-2015. The results obtained demonstrate the importance of the soonest possible reconstruction of the infrastructure of ensuring site life sustaining activities immediately after the final shutdown of power units to save resources. It is also a good illustration of the need to accumulate significant costs in NPP operation to create decommissioning infrastructure.

Keywords: Chornobyl NPP, nuclear facility decommissioning, International Structure for Decommissioning Costing.