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Analysis of Latent Factors in Development of Emergency Processes at Fukushima-1 Power Units

A preliminary analysis of the causes and factors that brought Fukushima-1 to the emergency state in March 2011 is given. The factors of geodynamics, features of boiling water reactors and inadequate anthropogenic effects are considered. The factors that indirectly and directly influenced the progression of the Fukushima-1 accident are assessed.

Keywords: NPP accident, causes, design deficiencies