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用于压水堆安全研究的高压综合系统实验装置

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摘要 高压综合系统实验装置,是模拟秦山核电厂反应堆冷却系统,在稳态和事故瞬态期间的热工水力特性。本报告描述了装置的主要特点和模拟准则,给出了系统主要部件的设计参数,并同国外其它装置作了简要的比较。

关键词 系统装置 容积比 环路

分类号

THE HIGH-PRESSURE INTEGRAL SYSTEM TEST FACILITY USED FOR SAFETY RESEARCH OF PWR

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Abstract The high-pressure integral system test facility is designed to simulate theessential thermohydraulic characteristics of QinShan Nuclear Power Plant reactorcooling system during steady-state and off-normal transient conditions. The report contains a general description of the test facility. Detailed infor-mation on the characteristics of the components and its modeling criteria areincluded as appropriate. The major parameters are compared with that of otherfacilities.

Key words System facility Volume ratio Loop

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