



## Nuclear reactor thermal hydraulics (PWR nuclear power plant operators staff training series teaching basic theory)

By -

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 213 Publisher: Atomic Energy Pub. Date :2010-12-01 version 1. HAO old fans compiled the nuclear reactor thermal hydraulics. mainly on nuclear reactor thermal hydraulics of the basic concepts. basic theory and some problems analysis and calculation. The book is divided into six chapters. including nuclear fuel. cladding materials. and thermal properties of the coolant. the heat release within the reactor. the reactor heat transfer. fuel elements and reactor internal components of the heat transfer and temperature distribution. the steady-state conditions reactor fluid dynamics analysis. steady-state reactor core thermal-hydraulic design. Nuclear reactor thermal hydraulics. is a pressurized water reactor nuclear power plant operators based theoretical training staff is one series of textbooks. but also for nuclear power engineering in the relevant technical staff and higher education teachers and students of nuclear engineering reference. Contents: Chapter 1. nuclear fuel. cladding materials. coolant and thermal properties of nuclear fuel 1.1 1.2 pairs of nuclear fuel. cladding materials and the general requirements of 1.2.1 coolant nuclear fuel cladding material 1.2.3 1.2.2 1.3 coolant nuclear fuel. cladding materials and coolant thermal properties...



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