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# Super Light Water Reactors and Super Fast Reactors: Supercritical-Pressure Light Water Cooled Reactors

By Yoshiaki Oka, Seiichi Koshizuka, Yuki Ishiwatari, Akifumi Yamaji



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*Super Light Water Reactors and Super Fast Reactors* provides an overview of the design and analysis of nuclear power reactors. Readers will gain the understanding of the conceptual design elements and specific analysis methods of supercritical-pressure light water cooled reactors. Nuclear fuel, reactor core, plant control, plant stand-up and stability are among the topics discussed, in addition to safety system and safety analysis parameters.

Providing the fundamentals of reactor design criteria and analysis, this volume is a useful reference to engineers, industry professionals, and graduate students involved with nuclear engineering and energy technology.



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- Sales Rank: #7939467 in Books
- Brand: Springer
- Published on: 2010-07-01
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x 1.44" w x 6.14" l, 2.45 pounds
- Binding: Hardcover
- 651 pages

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