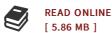




LAnthropologie (2)

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 54 pages. Original publisher: Washington, DC: Office of Nuclear Regulatory Research, U. S. Nuclear Regulatory Commission, 2009 OCLC Number: (OCoLC)568687036 Subject: Nuclear reactors -- Safety measures. Excerpt: . . . 1 Introduction The Karlsruhe Research Center (FZK) is involved in the overall qualification of computational tools for the safety evaluation of nuclear power plants of different design to improve their prediction capability and acceptability. In this framework, the code RELAP5 PANBOX was qualified within the Organization for Economic Cooperation and Development Nuclear Energy Agency (OECD NEA) pressurized-water reactor (PWR) main steam line break (MSLB)-benchmark San00. As continuation of this work, partly as a contribution to the international Code Assessment and Maintenance Program (CAMP) of the U. S. Nuclear Regulatory Commission (NRC), the coupled code system RELAP5 PARCS is being validated. The PARCS capabilities for quadratic fuel assembly geometry have been qualified in the frame of both the PWR TMI-1 main steam line break (MSLB) Kozl00 and the boiling-water reactor (BWR) Peach Bottom Turbine Trip (PBTT) Bous04 benchmarks. FZK....



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