

CONTENTS / APRIL 1992-VOL. 98, NO. 1

FAST REACTOR SAFETY

TECHNICAL PAPERS

- 1 Investigation of Failed Fuel Detection and Location Using a Flux Tilting Method in a Fast Breeder Reactor / Masao Hamada, Kunio Uehara, Kazuyoshi Muramatsu, Takanobu Kamei, Tetsuo Tamaoki, Mitsuaki Yamaoka, Yukio Sonoda, Yuji Sano, Masuo Sato, Takayuki Sudo
- 14 Study of Thermal-Hydraulic Characteristics During Decay Heat Removal in a Pool-Type Fast Breeder Reactor / Masayoshi Akutsu, Yoshinobu Okabe, Kazuziro Satoh, Hideki Kamide, Kenji Hayashi, Nobuyuki Naohara, Kengo Iwashige, Yoji Shibata
- 27 Investigations of Sloshing Fluid Motions in Pools Related to Recriticalities in Liquid-Metal Fast Breeder Reactor Core Meltdown Accidents / Werner Maschek, Claus Dieter Munz, Leonhard Meyer
- 44 Modeling Transient Fission Gas Behavior for Solid, Melting, and Molten Fuel in the Computer Program LAKU / L. Väth
- 54 Improvement of Evaluation Method for Initiating-Phase Energetics Based on CABRI-1 In-Pile Experiments / Nobuyuki Nonaka, Ikken Sato
- 70 Molten Fuel Propagation in Sodium-Filled Fast Reactor Subassembly Geometries / Allen J. Edwards, M. J. Bird, Michael K. Denham
- 79 Pouring of 100-kg-Scale Molten UO₂ into Sodium / Daniel Magallon, Hermann Hohmann, Hubert Schins
- 91 Fuel Motion in Overpower Tests of Metallic Integral Fast Reactor Fuel / Edgar A. Rhodes, Theodore H. Bauer, George S. Stanford, James P. Regis, Charles E. Dickerman
- 100 A Model for an Effective Equation of State of Irradiated Fast Reactor Fuel / Erhard A. Fischer
- 113 Sinusoidal Source Perturbation Experiments with a Breached Fuel Subassembly in the Experimental Breeder Reactor II / Kenny C. Gross, Robert V. Strain
- 124 Features of Postfailure Fuel Behavior in Transient Overpower and Transient Undercooled/Overpower Tests in the Transient Reactor Test Facility / Robert C. Doerner, Theodore H. Bauer, James A. Morman, John W. Holland