

nuclear technology®

CONTENTS / JUNE 1997—VOL. 118, NO. 3

TECHNICAL PAPERS

NUCLEAR REACTOR SAFETY

- 187 Wind-Field Modeling of Nuclear Accident Consequences for Hong Kong / *Mankit Ray Yeung, Wai Sing Lui*
- 200 Chemical-Physical Behavior of Light Water Reactor Core Components Tested Under Severe Reactor Accident Conditions in the CORA Facility / *Peter Hofmann, Siegfried J. L. Hagen, Volker Noack, Gerhard Schanz, Leo K. Sepold*

NUCLEAR FUEL CYCLES

- 225 Dissolution Kinetics of U_3Si_2 Particles in Alkaline Hydrogen Peroxide / *Bruce A. Buchholz, Joseph C. Hutter, George F. Vandegriff*

RADIOACTIVE WASTE MANAGEMENT

- 233 Diffusion Paths of Cesium in Water-Saturated Mortar / *Kazuya Idemitsu, Ken-ichiro Kuwata, Hiroataka Furuya, Yaohiro Inagaki, Tatsumi Arima*

HEAT TRANSFER AND FLUID FLOW

- 242 Void Fraction Measurements in Nuclear Reactors Via Neutron Noise Methods / *Robert Kozma, Masaharu Kitamura, J. Eduard Hoogenboom*

REACTOR OPERATIONS

- 254 Hierarchical Fuzzy Logic Water-Level Control in Advanced Boiling Water Reactors / *Chaung Lin, Feng-Ling Jeng, Chi-Szu Lee, Raghu Raghavan*

REACTOR CONTROL

- 264 A Correlation-Based Signal Validation Method for Fixed In-Core Detectors / *Ferenc Adorján, Toshio Morita*

DEPARTMENTS

- 276 Corrigendum
- 277 Volume 118 Indexes
- v Volume 118 Contents