

TECHNICAL PAPERS

FISSION REACTORS

- 261** BWR-HD: An Optimized Boiling Water Reactor with High Power Density / *Koroush Shirvan, Mujid Kazimi*
- 274** Safety Analysis of BWR-HD: An Optimized Boiling Water Reactor with High Power Density / *Koroush Shirvan, Mujid Kazimi*
- 287** Stability Analysis of BWR-HD: An Optimized Boiling Water Reactor with High Power Density / *Koroush Shirvan, Mujid Kazimi*

REACTOR SAFETY

- 297** Design of SPLC Architecture Used in Advanced Nuclear Safety System and Reliability Analysis Using Markov Model / *Gwang Seop Son, Dong Hoon Kim, Choul Woong Son, Joon Kyo Kim, Jae Hyun Park*

ROBOTIC AND REMOTE SYSTEMS AND HUMAN FACTORS

- 310** Operating Manipulator Arm by Robot Suit HAL for Remote In-Cell Equipment Maintenance / *Akihiro Kitamura, Takashi Namekawa, Kousuke Hiramatsu, Yoshiyuki Sankai*

FUEL CYCLE AND MANAGEMENT

- 320** Assessment of the Fingerprinting Method for the Verification of Spent Fuel in MACSTOR KN-400 CANDU Spent-Fuel Dry Storage / *Nandan G. Chandregowda, Sunil S. Chirayath, William S. Charlton, Young Ham, Shiva Sitaraman, Gil Hoon Ahn*

THERMAL HYDRAULICS

- 333** Uncertainty and Sensitivity Study in the Frame of TRACE Validation for Reflood Experiment / *Wadim Jaeger, Victor Hugo Sanchez Espinoza*

FUEL CYCLE AND MANAGEMENT

- 351** Quest for a Material for Sulfuric Acid Superheater/Decomposer for Sulfur-Iodine Thermochemical Cycle for Hydrogen Production / *Michael S. Peck, Tushar K. Ghosh, Mark A. Prelas*

DEPARTMENTS

- 364** Technical Reviewers
- 368** Volume 184 Indexes
- v Volume 184 Contents