TECHNICAL PAPERS

FISSION REACTORS/NUCLEAR PLANT OPERATIONS AND CONTROL

249 Detection of Simulated Steam Leak into Sodium in Steam Generator of PFBR by Argon Injection Using Signal Analysis Techniques / P. Kalyanasundaram, Baldev Raj, V. Prakash, Ramakrishna Ranga

FUEL CYCLE AND MANAGEMENT/THERMAL HYDRAULICS

259 Experimental Investigation of Hydraulics and Lateral Mixing for Helical-Cruciform Fuel Rod Assemblies / T. M. Conboy, T. J. McKrell, M. S. Kazimi

FUEL CYCLE AND MANAGEMENT

274 Transmutation Fuel Cycle Analyses of the SABR Fission-Fusion Hybrid Burner Reactor for Transuranic and Minor Actinide Fuels / C. M. Sommer, W. M. Stacey, B. Petrovic, C. L. Stewart

THERMAL HYDRAULICS


302 The Triggerability and Explosion Potentials of Reactor Core Melt at Fuel Coolant Interactions / I. K. Park, J. H. Kim, S. H. Hong, S. W. Hong

315 Thermal-Hydraulic Analysis for HEU and LEU Transitional Core Conversion of the MIT Research Reactor / Sung Joong Kim, Lin-Wen Hu, Floyd Dunn

RADIATION TRANSPORT AND PROTECTION/RADIOISOTOPES

335 Comparison of Measured and Monte Carlo Results for Neutron Beam Transmission Through an Irradiated Nuclear Fuel Assembly / Chad L. Pope, Michael J. Lineberry

REPROCESSING/MATERIALS FOR NUCLEAR SYSTEMS


RADIOACTIVE WASTE MANAGEMENT AND DISPOSAL


(Continued)
TECHNICAL NOTE

FUEL CYCLE AND MANAGEMENT

369 Analysis of Measurement Uncertainty of Material Unaccounted for in the Reference Pyroprocessing Facility / Bo-Young Han, Hee-Sung Shin, Ho-Dong Kim

DEPARTMENTS

378 Volume 182 Indexes

v Volume 182 Contents