

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 115, NUMBER 3, NOVEMBER 1993

CONTENTS

TECHNICAL PAPERS

- | | | |
|-----|---|--|
| 185 | An Experimental Investigation of the Effects of Surfactants on the Severity of Vapor Explosions | <i>M. G. Kowal, M. F. Dowling, S. I. Abdel-Khalik</i> |
| 193 | Influence of Hydrides on Ductile Fracture in the Zr-2.5 Nb Alloy | <i>S. A. Nikulin, M. A. Shtremel, V. G. Khanzhin, B. M. Fateev</i> |
| 205 | Influence of Burnable Gadolinia Poison on Coolant Void Reactivity in a Pressure-Tube-Type Heavy Water Reactor | <i>Yasuki Kowata, Nobuo Fukumura</i> |
| 219 | Numerical Divergence Effects of Equivalence Theory in the Nodal Expansion Method | <i>M. R. Zika, T. J. Downar</i> |
| 233 | Variational Nodal Transport Methods with Anisotropic Scattering | <i>G. Palmiotti, C. B. Carrico, E. E. Lewis</i> |
| 244 | Subspace Iteration for Nonsymmetric Eigenvalue Problems Applied to the λ -Eigenvalue Problem | <i>Matthias G. Döring, Jens Chr. Kalkkuhl, Wolfram Schröder</i> |
| 253 | A Two-Grid Acceleration Scheme for the Multigroup S_n Equations with Neutron Upscattering | <i>B. T. Adams, J. E. Morel</i> |

TECHNICAL NOTES

- | | | |
|-----|--|-------------------------|
| 265 | Cell-Centered Imposed Diffusion Synthetic Acceleration for Weighted Difference Transport Methods | <i>Y. Y. Azmy</i> |
| 273 | The Influence of Burnup-Dependent Fission Spectra on Reactor Pressure Vessel Irradiation | <i>Frej Wasastjerna</i> |