

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 166, NUMBER 3, NOVEMBER 2010

CONTENTS

TECHNICAL PAPERS

- | | | |
|------------|--|---|
| 179 | An Integrated Methodology for Assessing Fire Simulation Code Uncertainty | <i>Victor Ontiveros, Adrien Cartillier, Mohammad Modarres</i> |
| 202 | Uncertainty Treatment for Level-2 Probabilistic Safety Analysis | <i>A. Hoefer, G. Dirksen, J. Eyink, E.-M. Pauli</i> |
| 218 | On the Degradation of Cell-Centered Diffusive Preconditioners for Accelerating S_N Transport Calculations in the Periodic Horizontal Interface Configuration | <i>Massimiliano Rosa, Yousry Y. Azmy, Jim E. Morel</i> |
| 239 | A Discrete Generalized Multigroup Energy Expansion Theory | <i>Lei Zhu, Benoit Forget</i> |
| 254 | Uncertainty Quantification of Prompt Fission Neutron Spectrum for $n(0.5 \text{ MeV}) + {}^{239}\text{Pu}$ | <i>P. Talou, T. Kawano, D. G. Madland, A. C. Kahler, D. K. Parsons, M. C. White, R. C. Little, M. B. Chadwick</i> |
| 267 | New ${}^{56}\text{Fe}$ Covariances for the JEFF3 File from the Feedback of Integral Benchmark Analysis | <i>C. Vaglio-Gaudard, A. Santamarina, D. Bernard, G. Noguère, J. M. Ruggieri, J. F. Vidal, A. Lyoussi</i> |
| 276 | Retroactive Generation of Covariance Matrix of Nuclear Model Parameters Using Marginalization Techniques | <i>B. Habert, C. De Saint Jean, G. Noguere, L. Leal, Y. Rugama</i> |
| 288 | TECHNICAL REVIEWERS | |
| 291 | VOLUME 166 AUTHOR AND SUBJECT INDEXES | |