

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 121, NUMBER 3, NOVEMBER 1995

CONTENTS

TECHNICAL PAPERS

- 353 Variational Estimates of Point-Kinetics Parameters *J. A. Favorite,
W. M. Stacey, Jr.*
- 371 Variational Derivation of Multigroup P_2 Equations and
Boundary Conditions in Planar Geometry *Robert P. Rulko*
- 393 Variational P_1 Approximations of General-Geometry
Multigroup Transport Problems *Robert P. Rulko,
Djordje Tomašević,
Edward W. Larsen*
- 405 An Augmented Source Method for the Application
of Nodal Equivalence Theory *C. J. Hah, T. J. Downar*
- 416 Response Matrix Properties and Convergence
Implications for an Interface-Current Nodal
Formulation *W. S. Yang*
- 433 Neutron Fluence at the Pressure Vessel of a
Pressurized Water Reactor Determined by the
MCNP Code *Peter G. Laky,
Nicholas Tsoulfanidis*
- 448 Physics Characteristics of a Large, Passive, Pressure
Tube Light Water Reactor with Voided Calandria *Pavel Hejzlar,
Michael J. Driscoll,
Neil E. Todreas*
- 461 On the Compartmental Modeling of Cesium Migration
in Soils *M. Antonopoulos-Domis,
A. Clouvas, M. Marseguerra*
- 468 Modeling Water Chemistry, Electrochemical Corrosion
Potential, and Crack Growth Rate in the Boiling Water
Reactor Heat Transport Circuits—I: The DAMAGE-
PREDICTOR Algorithm *Tsung-Kuang Yeh,
Digby D. Macdonald,
Arthur T. Motta*
- 483 Correlations of the Independent Fission Product Yields
of Different Isotopes *Yigal Ronen*

LETTER TO THE EDITOR

- 492 Comments on "Neutron Lifetime, Fission Time, and
Generation Time" *Masatoshi Hayashi*

493 TECHNICAL REVIEWERS

496 VOLUME 121 AUTHOR AND SUBJECT INDEXES