

NUCLEAR SCIENCE AND ENGINEERING®

VOLUME 114, NUMBER 4, AUGUST 1993

CONTENTS

TECHNICAL PAPERS

- 271** Variational Derivation and Numerical Analysis of P_2 Theory in Planar Geometry
*Robert P. Rulko,
Edward W. Larsen*
- 286** Uncertainty and Sensitivity Analysis Results Obtained in a Preliminary Performance Assessment for the Waste Isolation Pilot Plant
*J. C. Helton, J. W. Garner,
M. G. Marietta,
R. P. Rechar, D. K. Rudeen,
P. N. Swift*
- 332** The Effective Beta Sensitivity to the Incident Neutron Energy Dependence of the Absolute Delayed Neutron Yields
A. D'Angelo, A. Filip
- 342** In-Pile Measurement of the Decay Constants and Relative Abundances of Delayed Neutrons
Gregory D. Spriggs
- 352** A Relative Measurement of the $^{10}\text{B}(n, \alpha_1 \gamma)^7\text{Li}$ Cross Section Between 0.2 and 4.0 MeV
*R. A. Schrack,
O. A. Wasson, D. C. Larson,
J. K. Dickens, J. H. Todd*

LETTERS TO THE EDITOR

- 363** U.S. Spent-Fuel Disposal Strategies and International Safeguards
*K. K. S. Pillay, R. R. Picard,
J. F. Hafer*
- 371** Comment on "Analysis of Cluster Geometries Using the DP1 Approximation of the J_{\pm} Technique"
P. Mohanakrishnan