

Foreword

Advances in Reactor Physics and Safety

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This special issue of *Nuclear Science and Engineering (NS&E)* consists of a portion of the papers presented at a joint topical meeting of the Reactor Physics and the Nuclear Reactor Safety Divisions of the American Nuclear Society. This meeting was held in September 1986, in Saratoga Springs, New York, and brought together workers in two fields that are necessarily closely related.

Over 100 papers were presented, with a nearly equal split between those that could be clearly labeled either reactor physics or reactor safety. A large number of papers, however, seemed to fall into both categories. When the authors submitted their full papers for publication in the proceedings of the meeting, they were given the option of specifying whether they would like their papers considered for publication in *NS&E*. An additional review and, in some cases, revisions were done for the papers for which this option was chosen. The papers appearing in this issue are those deemed to be suitable for publication in an archival journal.

The program and publication committees would like to express their thanks to *NS&E* editor D. G. Cacuci for giving us the opportunity to publish papers from the topical meeting together in one issue, and to S. M. Clowers for the considerable help and guidance she has provided.