

## Preface

# Nuclear Reactor Thermal Hydraulics

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This special issue on nuclear reactor thermal hydraulics is presented in order to mark and highlight a new era of increased emphasis in this area for *Nuclear Science and Engineering*. This step follows major efforts by the leadership of the American Nuclear Society's Thermal Hydraulics Division to improve the quality of presentations and papers at its meetings. As part of that program, the division has instituted a full paper review process and publication of appropriately selected contributions in bound volumes prior to the meetings. Plans are in place for *Nuclear Science and Engineering* to participate in and support limited archival publication from bound volumes being generated by the Thermal Hydraulics Division. Papers have been selected for this issue from three such full-length-paper volumes: *Thermal-Hydraulics of Nuclear Reactors*, *First Proceedings of Nuclear Thermal Hydraulics*, and *Second Proceedings of Nuclear Thermal Hydraulics*. In addition to papers on original research, two review papers are included.

These papers were selected by the Thermal Hydraulics Division and Program Committee officers. Due to time and space limitations, not all contributions worthy of archival publication are included. Some authors had already elected to publish elsewhere, and others chose to delay publication pending imminent progress. It is our hope that in the future many more Thermal Hydraulics Division papers will find their way to the archival literature. The division wishes to thank the editor, Dr. John Kallfelz, for his support of this program and his efforts in preparing the special issue.