Foreword

Special Issue on 16th International Conference on Nuclear Engineering

In recent years, role of nuclear energy is reconsidered internationally from the point of energy security and countermeasure for global warming. The nuclear energy is one of the effective solutions for the efficient use of energy, the restriction of fossil fuel and the diversification of energy resources.

The International Conference on Nuclear Engineering (ICONE) is the world largest conference addressing to the nuclear engineering. ICONE16 was organized by JSME in conjunction with other organizations and was held from May 11th to 15th, 2008 in Orland, USA. This special issue consists of 28 papers which are nominated and selected from ICONE16, covering a wide range of field on both basic and practical studies concerning the research and development of nuclear technology.

For the review and selection of papers, a subcommittee for the special issue on power and energy system has been organized with the permission of the editorial board. The members of the subcommittee are:

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All the members hope that this special issue will help to understand the present state of the art on power and energy in the world and that this kind of special issue will be highly evaluated all over the world. Finally, we would like to express our sincere gratitude to the subcommittee members and all reviewers.

Yutaka ABE
Editor-in-Chief of the Special Issue of ICONE16 of the Power and Energy Systems Division of the JSME, and the ICONE16 Technical Program Committee Chairperson