Foreword

Special Issue on 18th International Conference on Nuclear Engineering (ICONE-18)

Just like the word, "The science advances in the international cooperation and the technology develops in the global competition", the International Conference on Nuclear Engineering (ICONE) is the great opportunities to meet nuclear engineers, exchange information and cooperate one another all over the world from Europe, the U.S., China and Japan which lead the field of nuclear power as the CO₂ free energy. The conference is covered almost all the aspects of nuclear engineering that is indispensable to achieve sustainable development. The 18th International Conference on Nuclear Engineering was held in Xi'an, China on May 17-21, 2010. The conference was attended by about 880 participants from 23 countries and about 800 presentations were made in the 15 technical tracks. The conference sponsors were the Chinese Nuclear Society (CNS), the American Society of Mechanical Engineers (ASME), The Japan Society of Mechanical Engineers (JSME), the China National Nuclear Corporation (CNNC), the China Guangdong Nuclear Power Group (CGN), Westinghouse, Toshiba, the Atomic Energy of Canada Limited (AECL), and the Mitsubishi Heavy Industries (MHI)

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 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 reviewers.

Naoki CHIGUSA

Editor-in-Chief of the Special Issue of ICONE18 of the Power and Energy System Division of JSME, and the ICONE18 Technical Program Committee Chairperson