



safety

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Nuclear Safety

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Message from the Guest Editors

Dear Colleagues,

The main objective of nuclear safety is the achievement of proper operating conditions and the prevention and mitigation of accident consequences, resulting in protection of workers, the public and the environment from undue radiation hazards. There are many relevant factors that have an impact on nuclear safety of nuclear power plants during operation, e.g., evolution of nuclear power plants boundary conditions (including organisation and safety culture, renewal and capacity building of personnel, available technology infrastructure such as engineering companies and suppliers); equipment obsolescence, documentation update, computational methods, technological upgrades; ageing management of structures, systems, and components; radiological impact, radwaste and spent fuel management; lessons-learned and operating experience; evolution of regulations and standards; adequate management of nuclear security, interface between security and safety.

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Special Issue