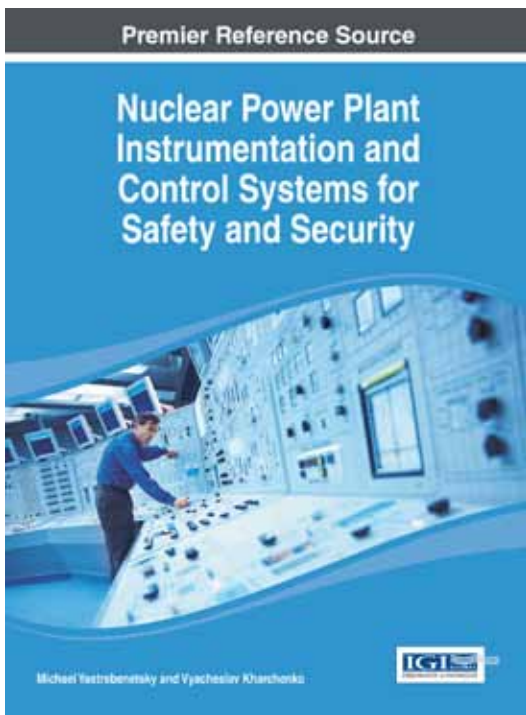


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Nuclear Power Plant Instrumentation and Control Systems for Safety and Security



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Michael Yastrebenetsky (State Scientific and Technical Centre for Nuclear and Radiation Safety, Ukraine) and Vyacheslav Kharchenko (National Aerospace University- KhAI, Ukraine and Centre for Safety Infrastructure-Oriented Research and Analysis, Ukraine)

Accidents and natural disasters involving nuclear power plants such as Chernobyl, Three Mile Island, and the recent meltdown at Fukushima are rare, but their effects are devastating enough to warrant increased vigilance in addressing safety concerns.

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Michael Yastrebenetsky, PhD, Doctor of technical sciences, Professor, Honor Scientist of Ukraine. Until 1992 – Head of Department “Reliability of Automated Control Systems” of the Central Scientific Research Institute of Complex Automation. Since 1993 – Head of the Department “NPP Control and Information Systems Safety Analysis” of State Scientific and Technical Centre of Nuclear and Radiation Safety Professor of the Department “Systems Analysis and Control” of the Kharkov National Technical University. Author of 12 monographs, 290 articles, 35 international and national standards and regulations. Organizer and Chairman of 1-5 International Conferences “NPP I&C systems: safety aspects”.



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