

BK21 Plus Seminar

1. 주 제 : Human Factors Engineering for the Nuclear Power Plant Main Control Room
2. 연 사 : Prof. Chiuhsiang Joe Lin (National Taiwan University of Science and Technology)
3. 내 용 : Digital human interface upgrades and automation advances have been extensively implemented in the operation and control of the main control room (MCR) in the nuclear power plants. Significant benefits of human factors engineering for nuclear power plants safety have been confirmed in the literature. The US Nuclear Regulatory Commission published a series of Nuclear Regulatory documents to describe the systematic methodologies and processes of human factors engineering on functional requirements analysis and function allocation, task analysis, human-system interface design, training program development, and so forth of the MCR. In this seminar, Professor Lin will present several studies that applied HFE approaches to improving the training, operation, team workload management, and interface design in the MCR.
4. 일 시 : 2019년 10월 23일 (수) 오전 10시 45분
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