NUCLEAR PLANT SAFETY COURSE
JUNE 20-28, 2024 | Live Virtual @MIT | REGISTER HERE

Course Directors

Emilio BAGLIETTO
Associate Head/Professor of Nuclear Science and Engineering

Benoit FORGET
Department Head Professor of Nuclear Science and Engineering

2024 NPSC SPEAKERS

NUCLEAR ENERGY AGENCY (NEA)
Ms. Véronique ROUYER, Head of the Nuclear Safety, Technology and Regulation Division, NEA

NUCLEAR ENERGY INSTITUTE (NEI)
Mr. Douglas TRUE, Senior VP and Chief Nuclear Officer, NEI*
Dr. Jennifer UHLE, VP Generation & Supply, NEI

NATIONAL LABORATORIES
Dr. Robert BUDNITZ, Staff Scientist (retired), Energy Geosciences Division, Lawrence Berkeley National Lab., University of California

REGULATORY
Dr. Richard MESERVE, Former Chair (retired), Nuclear Regulatory Commission (US NRC)
Dr. Mirela GAVRILAS, Director, Nuclear Safety Systems, (US NRR)*
Mr. William RECKLEY, Sr. Project Manager, Advanced Reactor Program (US NRC)*
Dr. Douglass MILLER, Sr. Project Officer, Canadian Nuclear Safety Commission (CNSC)
Ms. Andrea KOCK, Deputy Office Director for Engineering, Office of Nuclear Reactor Regulation (US NRC)

VENDORS
Dr. Christer DAHLGREN, Manager, Light Water Reactor Plant Integration Engineering, GE-Hitachi*
Mr. Zeses KAROUTAS, Chief Engineer Nuclear Fuel, Global Tech. Office, Westinghouse Electric Co.
Dr. Luca ORIANI, VP Plant Engineering & Licensing, Westinghouse Electric Co.
Dr. Jose REYES, Co-Founder and Chief Technology Officer, NuScale Power

ACADEMIA
Dr. George APOSTOLAKIS, MIT Professor Emeritus and Head, Nuclear Risk Research Center, Japan
Prof. Ronald G. BALLINGER, Nuclear Science and Engineering and Material Science and Engineering (Emeritus), MIT
Dr. Sacit CETINER, Research Scientist, MIT Nuclear Reactor Laboratory
Dr. Charles FORSBERG, Principal Research Scientist, Exec. Director, MIT Nuclear Fuel Cycle Project, Director and PI, Fluoride Salt-Cooled High-Temperature Reactor Project, MIT

UTILITIES
Ms. Suzanne LOYD, Senior Manager, Constellation Energy
Mr. Tom MITCHELL, Chairman, World Association of Nuclear Operations (WANO)

CONSULTANTS
Dr. Dennis C. BLEY, President, Buttonwood Consulting, Inc.*
Dr. Andrew KADAK, Kadak Associates Inc., Former CEO of Yankee Atomic
Dr. Joy REMPE, Principal, Rempe & Assoc. LLC

*not fully confirmed

For more information, daily schedule, register...
Professional Education-Short Programs

Sponsored by:
Nuclear Science and Engineering Department
Center for Advanced Nuclear Energy Systems

Topics:
- Operating/new reactor safety and licensing
- Risk-informed operations
- Spent fuel storage management
- Cybersecurity
- Life extension of operating reactors to 80 years
- International perspectives on reactor safety
- High performance fuel
- PWR and BWR materials issues
- Seismic safety

Learning Objectives:
- Describe safety and regulatory issues of operating nuclear reactors in the U.S. and other countries.
- Assess new safety developments, such as risk-informed operations, life extension, and advanced fuels.
- Examine advanced reactors and their design & safety.
- Understand fuel storage issues and licensing of spent fuel repositories.

Who Should Attend:
Degree-holding engineers/scientists with some knowledge of nuclear technology, interested in the design, construction, operation, or regulation of nuclear plants.