

NUCLEAR PLANT SAFETY COURSE

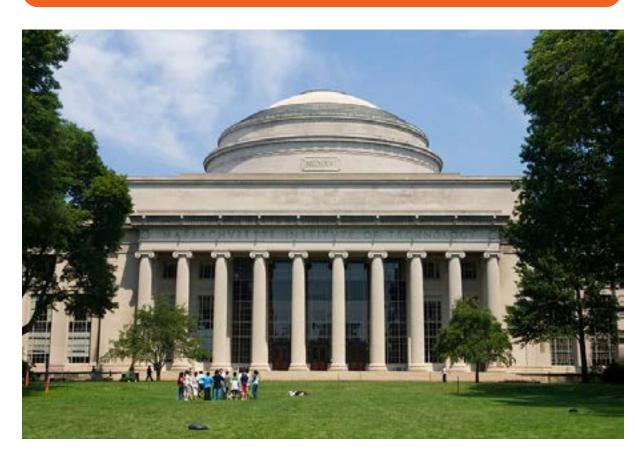
Live Virtual @MIT

Course Synopsis:

Covers safety and regulatory issues of operating and planned nuclear reactors in the U.S. and other countries.

Our Speakers are the current authorities on nuclear power plant technology, operations, safety, and regulations from industry, government, and universities. They will provide authoritative answers in their technical fields, though their opinions are their own.

REGISTER NOW



Topics:

NATIONAL LABORATORIES

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

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. Kent WELTER, Chief Engineer, 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

2023 NPSC SPEAKERS

NUCLEAR ENERGY AGENCY (NEA

William D. MAGWOOD, IV, Director General of the OECD Nuclear Energy Agency, NEA*

NUCLEAR ENERGY INSTITUTE (NEI

Mr. Douglas TRUE, Senior VP and Chief Nuclear Officer, NEI

Dr. Jennifer UHLE, VP Generation & Supply, NEI

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)

CONSULTANTS

- 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.

UTILITIES

Ms. Suzanne LOYD, Senior Manager, **Constellation Energy**

Mr. Tom MITCHELL, Chairman, World Association of Nuclear Operations (WANO)

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

COURSE DIRECTORS



Emilio BAGLIETTO Professor of Nuclear Science and Engineering

Benoit FORGET Associate Head of Nuclear Science and Engineering

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

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Sponsored by: Nuclear Science and Engineering Department

Center for Advanced Nuclear Energy Systems