### NUCLEAR PLANT SAFETY COURSE

**June 15-19, 2020**  
**MIT Room TBA**

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| Mon. 6/15/20 | Course Overview  
Prof. Emilio BAGLIETTO, MIT | PWR Active and Passive Systems | New Reactors-Industry + Government Perspectives | Human Reliability Analysis | Safety of Spent Fuel |
| 8:10-8:30a | Risk Assessment & Applications  
Dr. George APOSTOLAKIS  
NRRC-JAPAN | Dr. Luca ORIANI  
Westinghouse | Dr. Jennifer UHLE  
NEI | Dr. Dennis BLEY  
Buttonwood Consulting, Inc. | Dr. Charles FORSBERG  
MIT |
| 8:30-9:30a | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK |
| 9:45-10:45a | Current Regulatory Issues  
Mr. Ho NIEH  
US NRC | Industry Perspective on Safety  
Mr. Douglas TRUE, NEI | Licensing Processes  
Mr. William RECKLEY  
US NRC | Digital Control Issues  
Dr. Douglas CHAPIN  
MPR Associates | Decommissioning  
Dr. Andrew KADAK  
Kadak Associates, Inc. |
| 10:45-11:45a | International Nuclear Safety Perspective – IAEA Viewpoint  
Dr. Richard MESERVE  
US NRC – Former Chairman | Multi-Unit Sites  
Dr. George APOSTOLAKIS  
NRRC-JAPAN | NuScale Design and Licensing  
Dr. Jose REYES  
NUSCALE CTO | Lessons Learned from the Three Severe Accidents  
Dr. Joy REMPE  
Rempe and Associates, LLC | Fuel Safety Issues  
Mr. Zeses KAROUTAS  
Westinghouse |
| 11:45a | LUNCH | LUNCH | LUNCH | LUNCH | LUNCH |
| 1:00-2:00p | International Nuclear Safety Perspective – NEA Viewpoint  
William D. MAGWOOD IV  
Director-General  
NEA | Seismic Safety  
Dr. Robert BUDNITZ  
LBNL | LWR Materials I  
Prof. Ronald BALLINGER  
MIT | Fukushima Current Situation  
Mr. Hideki MASUI  
TEPCO | LWR Materials II  
Prof. Ronald BALLINGER  
MIT |
| 2:00p | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK |
| 2:15-3:15p | Safety of Worldwide Nuclear Operations  
Mr. Tom MITCHELL  
WANO – Chairman | Physical and Cyber Security  
Mr. Brian HOLIAN  
US NRC | Regulation-Canadian View  
Mr. Marcel DE VOS  
Canadian Commission (CNSC) | Operational Safety  
Ms. Susan LANDAHL  
Exelon | 2:00-3:00 pm  
PANEL DISCUSSION |
| 3:15-4:15p | PANEL DISCUSSION | PANEL DISCUSSION | PANEL DISCUSSION | PANEL DISCUSSION | PANEL DISCUSSION |

**Activities**

- **Reception**
  - Time: 4:30p
  - Location: MIT TBD

- **MIT Laboratory Tour**
  - Time: 4:30p
  - Location: MIT NW13

- **MIT Reactor Tour**
  - Time: 5:00p
  - Location: MIT NW12

- **Dinner**
  - Time: 5:30p
  - Location: TBD

Updated 11/13/19