2020 AMS TRAINING COURSE

FUNDAMENTALS OF EMI/RFI TESTING & TROUBLESHOOTING FOR THE NUCLEAR INDUSTRY

THREE-DAY TRAINING COURSE

FEBRUARY 2020
CLEARWATER, FL

COURSE INFORMATION

AMS's 3-day EMC course will provide an understanding of the EMC guidance provided by the NRC and EPRI, discuss the national and international standards for EMC testing, and identify the characteristics of a system that make it either vulnerable to or responsible for electromagnetic interference (EMI) through both class lectures and hands-on demonstrations.

The course will be held on February 17—19, 2020 at the Sheraton Sand Key Resort in Clearwater Beach, Florida.

The course will be two full days on the 17th and 18th, and a half-day on the 19th.

WHO SHOULD ATTEND

This course is designed to be beneficial for plant system and design engineers, Engineer of Choice (EOC) firms, system vendors, digital I&C designers, commercial grade dedicators, and any other personnel involved with the development or qualification of systems for nuclear power plants.

REGISTRATION

Register by the end of the year to lock-in a rate of $1500. This rate includes course materials, breaks, breakfast, and lunch. Each attendee will be provided with a certificate of attendance.

A free third registration will be offered for every two paid registrations.

Please contact Rachel Stokes at rachel@ams-corp.com to receive further information and to register for the course.

INSTRUCTOR

Dr. Kiger joined AMS as a senior engineer in 2006. He is a licensed PE in the state of Tennessee and is an iNARTE–certified EMC Engineer and MIL-STD EMC Specialist. He has performed EMC qualification testing and EMI troubleshooting for nearly 100 nuclear facilities and equipment manufacturers throughout the world. In 2016, he was elevated to the distinguished grade of Fellow for the International Society of Automation (ISA).

COURSE HIGHLIGHTS

- Electromagnetic Compatibility Concepts
- Electric and Magnetic Field Coupling
- Transients and Electromagnetic Waves
- Shielding
- Principles of Grounding
- Design Considerations to Control EMI
- EMI Troubleshooting
- EMC Qualification Testing
- Addressing Wireless Technology
- NRC Regulatory Guide 1.180
- EPRI TR-102323

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