



# Contamination Control Programs & Reg. Guide 4.21

January 30-31, 2019 ♦ Las Vegas, NV

Course Fee: \$895

If taking both Contamination Control and ALARA Programs, the course fee is \$1295

## DESCRIPTION

This 2-day course focuses on effective contamination control using the approaches given in NRC Regulatory Guide 4.21 entitled "Minimization of Contamination and Radioactive Waste Generation: Life-Cycle Planning."

## WHO SHOULD ATTEND

Practicing health physicists, radiological engineers, HP technicians, instructors, auditors, and managers responsible for contamination control programs will benefit from this operationally-oriented course, which is continuously updated to reflect current philosophy, lessons learned, and state-of-the-art equipment. The course has been developed to address the needs of NRC, DOE, Navy Nuclear, academic, and State-licensed HP programs.

## Topics

### Planning for Minimizing Contamination Application of a Risk-Informed Approach Minimizing Facility Contamination

- ♦ Leaks
- ♦ Spills
- ♦ Prompt detection of leakage
- ♦ Avoidance of release of contamination from undetected leaks
- ♦ Measures for reducing the need to decontaminate equipment & structures
- ♦ Periodic review of operational practices

### Minimizing Contamination of the Environment

- ♦ Development of a conceptual site model
- ♦ Provision for early detection of leakage & contaminant migration

### Final Site Configuration

### Facilitation of Decommissioning Minimizing Radwaste Generation

## This course will help you ....

- Understand basic principles of effective control of surface, airborne and personnel contamination.
- Gain a perspective on the NRC's staff position on contamination control in licensed facilities, using Regulatory Guide 4.21.
- Become familiar with techniques for minimizing contamination in facilities and in the environment.

## INSTRUCTOR

**Dr. RODICAN P. REED** has over 30 years of experience in health physics, including 15 years as a Senior Health Physicist at the U.S. Nuclear Regulatory Commission (NRC) Technical Training Center. At NRC, he provided health physics training to NRC inspectors, Agreement State inspectors, and other Federal agencies. Dr. Reed also developed post-graduate training in radiation protection for the International Atomic Energy Agency (IAEA), which is now in use world-wide.

## LOCATION



This course will be held at the Las Vegas Marriott. A block of rooms has been reserved for course participants. Please make your reservation directly with the hotel by calling 702-650-2000.



## HOW TO REGISTER ...

Visit our website at [www.tmscourses.com](http://www.tmscourses.com) and register online, or call 860-738-2440. Registration questions can be emailed to [info@tmscourses.com](mailto:info@tmscourses.com).

## Continuing Education Credits

The AAHP has awarded this course 16 CEU's.