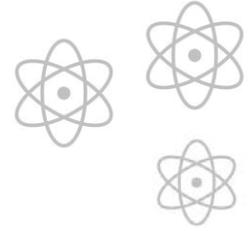


Contamination Control Programs and Reg. Guide 4.21



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."



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

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.



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.

COURSE INSTRUCTOR

DR. RODICAN P. REED has over 30 years of experience in health physics. From 1992 to 2007, he was 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. He was responsible for the uranium fuel cycle technology training curriculum, including uranium mining and milling, health physics, nuclear criticality safety, fire protection, integrated safety analyses (ISA's), and uranium enrichment technologies. He trained fuel facility inspectors and license reviewers as part of the inspector qualification program. He briefed NRC Commissioners, the Office of the Inspector General (OIG), the Atomic Safety and Licensing Board Panel (ASLBP), and the news media, in radiation protection and uranium fuel cycle technology. He developed post-graduate training in radiation protection for the International Atomic Energy Agency (IAEA), which is now in use world-wide.

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THE AMERICAN ACADEMY OF HEALTH PHYSICS (AAHP) HAS AWARDED THIS COURSE **16** CONTINUING EDUCATION CREDITS.
 ASSIGNED ID NUMBER: 2011-00-003

FOR FURTHER INFORMATION OR ASSISTANCE, PLEASE CONTACT:

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