AAHP Courses on Saturday, 21 January 2017

Course #1 - ANSI N13.1, Nuances, Facts and Fiction

American National Standard Institute (ANSI) N13.1 provides the basic criteria for sampling of radiological emissions for stacks and vents. Older plants utilize the 1969 version, while newer plants and some plants with modifications are required to upgrade to the 1999/2011 version of the Standard (the 1999 version of the Standard was reaffirmed in 2011). The 1999 version of the Standard was a major rewrite and incorporates a performance-based approach to sampling. After 17 years of implementing the revised Standard, there are numerous nuances that have come to light and there are several ideas about implementation that are fiction. This course will cover the basics of collecting a representative sample from stacks and ducts using the 1999/2011 version of ANSI N13.1. In addition, the subjects of how the Standard applies to off-normal or accident releases will be addressed and how to upgrade a 1969 compliant system to the 1999 version.

Brent Blunt (Instructor)

Course #2 - Radiation Risk Assessment

Radiation Risk Assessment is a full-day advanced course that focuses on specific technical and regulatory issues that Remedial Project Managers (RPMs) and On-Scene Coordinators (OSCs) address when managing Superfund sites that have a risk assessment conducted for radioactive contaminants. By taking the course, participants achieve the following objectives:

· Learn a step-by-step approach to the Superfund remedial program's risk assessment process for radioactive contamination. The course discusses of the major steps in Superfund remedial program's risk assessment for radioactive contamination and the EPA recommended guidance documents and calculators and or models for conducting such risk assessments.
· Explore methods for conducting site-specific risk assessments. The course examines how to alter the default input parameters in the Superfund remedial program's risk calculators.
· Discover practical recommendations for improving the radiation risk assessments conducted at your site. The course stresses some obvious and other less obvious aspects helpful in improving the radiation risk assessment process.
· Master information about the radiation risk assessment process. Participants obtain information from experienced professionals about the radiation risk assessment process.

The instructional methodology for this course includes lectures and demonstrations of using EPA's risk and dose assessment calculators developed by the Superfund remedial program. The target audience for this course is RPMs, OSCs, risk assessors and others that want to obtain a working knowledge on conducting Superfund radiation risk assessments.

Fred Dolislager, The University of Tennessee (Instructor)
Stuart Walker, EPA Office of Superfund Remediation and Technology Innovation (Instructor)