

Angela Leek, Ph.D.

Founder/Principal Health Physicist, Quantum Radiation Solutions

Speaker Bio:

Angela Leek, PhD, CHP is a nationally recognized expert in radiological emergency preparedness with over 20 years of experience supporting federal, state, and local agencies. As former director of Iowa's radiation control program, she led statewide efforts to strengthen radiological protection, regulatory compliance, and emergency response. Angela coordinated closely with federal agencies including the U.S. NRC, FEMA, and DOE, and contributes to numerous national initiatives including the Radiological Operations Support Specialist (ROSS) program. She has supported full-scale radiological/nuclear response exercises, developed operational tools, and co-authored key guidance—including a chapter in The Oxford Handbook of Nuclear Security. Today, she leads Quantum Radiation Solutions, providing technical consulting rooted in practical experience. Angela is a Certified Health Physicist and is a member of the National Council on Radiation Protection and Measurements.

Presentation Title:

Next-Gen Nuclear Is Here—Are Emergency Managers Ready?

Small modular reactors are reshaping the energy landscape—but are emergency managers ready? Angela Leek breaks down the myths, the urgency, and the role EM must play in preparing for nuclear technologies that are already arriving next door.