

Biography

Arthur Shanks

Arthur Shanks has a Masters of Science in Nuclear Engineering from the University of New Mexico, Masters of Science in Explosive Engineering with emphasis in Nuclear Weapons from New Mexico Technical Institute, and a Bachelors of Science in Physics from the University of New Mexico. Mr. Shanks is also a Certified Health Physicist, and has worked in the Radiation Safety area as a Health Physicist in a variety of specialties for more than 13 years. He has extensive experience in radiation measurement techniques, including field and laboratory measurement instruments as well as data interpretation. Mr. Shanks also has experience with conventional explosives, nuclear weapons, and effect of nuclear weapons. Mr. Shanks participated in a 2-year long specialized training program at SNL where in-depth training on the design and function of nuclear weapons was provided as well as training on conventional high explosives and shock physics. He is currently the Sandia National Laboratories (SNL) project leader for SNL's Consequence Management support to DOE/NV in Nuclear/Radiological Emergencies. He is also the project leader for SNL's Joint Technical Operations Team, he is a member of SNL's Nuclear Weapon Accident Response Team, and he supports a variety of technology development and emergency response research efforts at SNL.