



Health Physics Society

Northern California Chapter, Inc.

Meeting of the Northern California Chapter of the HPS

January 2009

Presentation Summary: Radiation Litigation: An Expert Witness' Perspective

In a litigation-prone society, it is prudent for any business to evaluate its potential exposure to legal action, initiated by either an employee or a member of the general public. This potential is exacerbated when the phobia of radiation exposure and radioactive materials is interjected into the equation. This phobia is fuelled by the perceived risks of radiation exposure, be they fact or fantasy.

With the current cancer incidence rate being approximately 1 in every 2.5 individuals (for all types of cancer), it is imperative that all facilities take a proactive look at their business vulnerability. This presentation will focus on the regulatory requirements for dosimetry monitoring and basic configuration of various types of dosimeters and various algorithm methodologies. Also addressed will be the appropriate Quality Assurance activities, appropriate requirements for investigations of dosimetry results, records quality management and software quality assurance.

About the Speaker:

Sandy Perle was appointed President of the Mirion Technologies, Dosimetry Services Division, in May 2007. Previously, he held the position of Senior Vice President, Technical Operations. Mr. Perle spent 21 years as supervisor at Florida Power and Light Company, Corporate Health Physics Department, and four years as supervisor in the State of Florida Radiological Health Program. He is currently the Health Physics Society Chair, Standards Committee and Health Physics Society Representative on ANSI N13, N42 and N43 Committees, member on ANSI N13.11 and N13.32 Working Groups, Secretary for the Council on Ionizing Radiation Measurements and Standards (CIRMS) and Deputy Advisor US Nuclear Technical Advisory Group

(NTAG), TC85/SC2. Mr. Perle is also a NVLAP Technical Expert, conducting on-site assessments at NVLAP accredited facilities since 1993.