1. Record Nr. UNISA996279881003316 Titolo ANSI N42.49A-2011: American National Standard for Performance Criteria for Alarming Electronic Personal Emergency Radiation Detectors (PERDs) for Exposure Control / / Institute of Electrical and Electronics **Engineers** Pubbl/distr/stampa Piscataway, New Jersey:,: IEEE,, 2011 **ISBN** 0-7381-6649-9 Descrizione fisica 1 online resource (54 pages) Disciplina 539.77 Soggetti Nuclear reactors - Safety measures Radiation - Measurement Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This standard establishes minimum performance criteria and test requirements for four categories of alarming electronic radiation detectors used to manage exposure by alerting the emergency responders when they are exposed to photon radiation. The instruments provide rapid and clear indication of the level of radiation exposure and/or exposure rate and readily recognizable alarms. The alarms are both audible and visual, and distinguishable between exposure rate and exposure.