

Glaser

Abstract of an invited presentation by Zory R. Glaser, Ph.D., entitled "Governmental Regulations and Safety Standards", to be presented at the International Microwave Power Institute (IMPI) Short Course, "Interactions of Electromagnetic Fields with Dielectric Materials: Medical and Industrial Applications", July 27, 1982, in San Diego, California.

Considerable effort has been expended in the past five (or so) years by individuals and organizations to update and/or develop guidance relating to occupational and public exposure limits for RF/microwave radiation. Among the U.S. groups whose efforts are of interest in this context are: OSHA, NIOSH, BRH, ANSI, DOD, ACGIH, FCC, EPA, NCRP, various states, cities, and counties. International efforts, and efforts of other countries, to develop RF/microwave radiation standards will also be briefly discussed. The presentation will summarize, update, compare, and contrast various of these efforts, and the end products (where available). Health protection rationale, the populations to which the effort is directed, and considerations of medical surveillance, and administrative and engineering controls will be discussed.