

Glaser

For Presentation at the Fourth Annual Meeting at the Bioelectromagnetics Society, to be held in Los Angeles, CA, June 28-July 2, 1982.

A STATUS REPORT ON, AND A COMPARISON OF U.S. AND INTERNATIONAL RF/MICROWAVE RADIATION STANDARDS/GUIDELINES-DEVELOPMENT ACTIVITIES.

Zory R. Glaser^{*}, Robert F. Cleveland, Jr.,[†] and P. Czerski[°]. * Bureau of Radiological Health, Standards and Regulations Branch (HFX-460), Rockville, MD 20857. † Office of Science and Technology, Federal Communications Commission, Washington, DC 20554. ° Visiting Scientist, Bureau of Radiological Health, Division of Biological Effects, Rockville, MD 20857.

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 include: the International Nonionizing Radiation Committee (of the IRPA), the World Health Organization, the United Nations Environmental Programme, the International Labour Organization, the Commission of European Communities, and various countries, including: Australia, Canada, China, Federal Republic Germany, Italy, Netherlands, Poland, Sweden, and the U.S.S.R. This 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.