



ZIEGLER

DR. HANS K. ZIEGLER, Deputy for Science and Chief Scientist of the U.S. Army Electronics Command and previously Chief Scientist and Technical Director at the U.S. Army Electronics Research and Development Laboratory at Fort Monmouth, New Jersey, was born on 1 March 1911 in Munich, Germany. He holds a BS, MS, and PhD degree in electrical engineering from the Technical University of Munich. After having served as Assistant Professor in Electrical Engineering at the Technical University of Munich for two years, he was engaged in electronics work in Germany for the next ten years.

In 1947 Dr. Ziegler came to the United States where he accepted a position with the Signal Corps at Fort Monmouth. In 1954 he became a United States citizen. At the Electronics Research and Development Laboratory he served as scientific consultant to the Electronic Components Department; Assistant Director of Research; Director, Astro-Electronics Division; and in 1959 was appointed Chief Scientist.

Under his technical leadership, the Fort Monmouth Laboratories produced major contributions to military electronics and to the Nation's space effort. Among the latter are the first solar power supply for Satellite 1958 Beta, the SCORE communications electronics for Satellite 1958 Zeta, the Vanguard Cloud Cover electronics for Satellite 1959 Alpha, the COURIER communications electronics for Satellite 1960 XI, and technical supervision for the TIROS electronics for Satellite 1960 Beta. Since 1963, as Chief Scientist of the Electronics Command, Dr. Ziegler has been providing scientific leadership and technological guidance in all mission areas to this newly established organization which represents one of the Army's largest and most important commodity commands.

Dr. Ziegler has published numerous scientific and technical papers; holds a number of patents; and is a frequent speaker, lecturer, and moderator to the scientific community throughout the country and abroad, and holds many awards.

He is a Fellow in the Institute of Electrical and Electronics Engineers, a past member of the Administrative Committee of the Professional Group on Military Electronics, Past Member of Research Cmte, Past Chairman of the Tellers Committee; a Fellow in the American Astronautical Society; a member and past president of the Fort Monmouth Chapter, a member of the executive board, and a national director of the Armed Forces Communications and Electronics Association; a member of the American Ordnance Association, and a member of the Executive Board, ECOM; Member of the Association of the United States Army.

WHO'S WHO IN SCEL R&D 1953

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Elec. Engr.; b. 1911; Techn. Univ. of Munich, Germany, B.S. in E.E., 1932. M.S. in E.E., 1934, Ph.D. in E.E., 1936. Asst. Prof. E.E. Techn. Univ. of Munich, Germany, 1934 - 1936. Research Engr., later Chief of the Res. and Dev. Dept. of Rosenthal Isolatoren, Limited, (Subsidiary of AEG), Germany, 1936-1947; Scientific Consultant, SCEL, 1947 to date. In Germany: Res. and dev. in: Elec. power generation and distribution, dielectrics, technique of highest voltages, lightning discharge, highcurrent arcs; elec. fuzes, electrostatical and acoustical proximity fuzes. Various publications and patents in these fields. With SCEL: Res. and dev. rotating electrical machinery and related power equipment. Application of permanent magnet material to power equipment. Basic work in new methods in design of permanent magnets, permanent magnet generators and voltage compensators. Mem. of various professional committees.