

Dr. Lewis (Lonnie) Edelheit

(Retired) Senior Vice President, Research & Development, General Electric Company



Dr. Edelheit began his professional career as a physicist at the GE R&D Center, where he made significant contributions to computed tomography (CT) x-ray systems. He transferred to GE Medical Systems, where he helped to move GE's radically new form of CT scanner quickly to the marketplace. In 1986, Dr. Edelheit left GE to become President and CEO of Quantum Medical Systems, a company that pioneered color flow ultrasound for vascular imaging. He returned to GE in 1991 as Manager of the R&D Center's Electronic Systems Research Center and in 1992 assumed leadership of Corporate R&D. Under his leadership, GE introduced numerous new leadership products, including high-efficiency turbines for power generation, the GE 90 Jet engine, advanced lighting and electronics-based appliances, and weatherable plastics.

Dr. Edelheit is a member of the National Academy of Engineering, the Industrial Research Institute, and a Fellow of the American Physical Society. He is on Advisory Boards of both the Physics and Bioengineering Departments of the University of Washington, Harvard Medical and Beth Israel Deaconess Research and Education Institute. He has been Chairman of the Laboratory Advisory Committee of Pacific Northwest National Laboratory (PNNL) and is currently Chairman of the Advisory Board to the Energy and Environment Directorate at PNNL.

Dr. Edelheit earned a Bachelor of Science degree in Engineering Physics and Master of Science and Ph.D. degrees in Physics from the University of Illinois.