

Dr. Thomas Kress Biography

Dr. Kress received his Ph.D. in Engineering Science from the University of Tennessee in 1971 and received his Bachelor of Science and Master of Science degrees (both in Mechanical Engineering) from the same institution in 1956 and 1965, respectively.

After receiving his Bachelor of Science degree, Dr. Kress worked for three years with Pratt and Whitney Aircraft on the design of the Aircraft Nuclear Propulsion reactor.

Dr. Kress was with Oak Ridge National Laboratory from 1959 until his retirement in December 1994. He has been involved in a wide range of issues including energy, space, military, and environmental research and development. He is a licensed professional engineer in the state of Tennessee, a member of the American Nuclear Society, American Society of Mechanical Engineers, National (and Tennessee) Society of Professional Engineers, American Association for the Advancement of Science, Society for Risk Assessment, National Management Association, Planetary Society, and the Nature Conservancy. He is a member of the New York Academy of Sciences and is listed in the Who's Who of American Scientists.

Dr. Kress has served on a variety of DOE/Industry Advisory Committees, Panels, and task forces. He served on the team of Technical Experts for the IAEA on the international evaluation of the Chernobyl accident that developed the definitive IAEA report. Dr. Kress has served on the Committee for the Safety of Nuclear Installations (CSNI) Special Task Force on Source Terms and on the CSNI Group of Experts on Aerosol Behavior and the CSNI Group of Experts on Source Terms.

During 1989, Dr. Kress was Manager of ORNL's Modular High Temperature Gas-Cooled Reactor Fission Product Transport Programs. He managed ORNL's Light Water Reactor Severe Accident Programs from 1980-1989. Dr. Kress was Head of the Applied Systems Technology Section of the Engineering Technology Division of ORNL from 1989 until the end of 1994.