

DR. GERALD FREDERICK TAPE

Dr. Gerald F. Tape was born in Ann Arbor, Michigan, on May 29, 1915. After receiving his A.B. degree at Eastern Michigan University in 1935, he entered the University of Michigan, where he received his M.S. degree in physics in 1936 and his Ph. D. in 1940.

In 1939, Dr. Tape was appointed instructor in physics at Cornell University, where he was associated with the cyclotron research group, and used cloud chamber techniques for the study of neutron interactions with hydrogen and deuterium. He joined the staff of the Radiation Laboratory, Massachusetts Institute of Technology, in 1942 to work on World War II projects that included the development of airborne radar and radar relay equipment. He also helped to develop equipment for training radar operators under simulated conditions. During 1944 and 1945, he directed the airborne radar work of the MIT Radiation Laboratory in Europe, operating primarily with the U.S. Eighth Air Force from laboratory headquarters in Malvern, England. In 1946, he became a member of the University of Illinois staff, serving first as assistant professor and later as associate professor of physics. He was in charge of the administration and teaching of engineering physics courses and also continued his work in nuclear physics and cyclotron development.

Dr. Tape became associated with Brookhaven National Laboratory, Upton, Long Island, N.Y., on July 1, 1950. He served as Deputy Director from October 1951 to May 1962, during which time he was involved in all scientific, technical and administrative aspects of the laboratory's program. On January 18, 1962, he was appointed Vice President and on October 19, 1962, President of Associated Universities, Inc., the corporation which operates the Brookhaven National Laboratory for the Atomic Energy Commission and the National Radio Astronomy Observatory for the National Science Foundation.

Dr. Tape was nominated by President Kennedy on April 3, 1963, to fill the unexpired term of Dr. Leland J. Haworth, who was appointed Director of the National Science Foundation. He took office on July 15, 1963, and his term expired on June 30, 1966. Dr. Tape was reappointed by President Johnson for a term expiring on June 30, 1971.

His chief scientific interests are nuclear physics, accelerator development, research reactors, radar development and radio astronomy. He is a Fellow of the American Physical Society and a member of the American Nuclear Society, American Astronomical Society and the American Association for Advancement of Science. He received an honorary doctor of science degree from Eastern Michigan University in June 1964.

Dr. Tape received an Army-Navy Certificate of Appreciation in 1947. He is a member of Phi Beta Kappa, Sigma Xi, Phi Kappa Phi and Kappa Delta Pi.

Dr. Tape and his wife, the former Josephine Waffin, live at 7705 Winterberry Place, Bethesda, Maryland. They have three sons, Walter Richard, James William and Thomas Gerald.

DR. JOSEPH A. LIEBERMAN

Dr. Lieberman attended The Johns Hopkins University where he received the Bachelor of Engineering degree in 1938 and the Doctor of Engineering degree in 1941. Following military service with the Corps of Engineers in the Pacific Area in World War II, he was engaged in hydrologic research with the U.S. Forest Service. In January 1949, he joined the Atomic Energy Commission as a Sanitary Engineer in the Division of Engineering. In December 1956, he became Chief of the Environmental & Sanitary Engineering Branch, Division of Reactor Development. He was appointed to his present position of Assistant Director for Nuclear Safety, Division of Reactor Development and Technology in August 1961. He was Secretary of the Subcommittee on Waste Disposal and Dispersal of the National Academy of Sciences, member of the Interim Committee on Nuclear Wastes of the Federation of Sewage and Industrial Wastes Association, Chairman of the Waste Disposal Subcommittee of the American Standards Association, and is a member of the Subcommittee on Radioactive Waste Disposal by Incineration of the National Committee on Radiation Protection, the AEC member of the Federal Council for Science and Technology Committee on Water Resources Research, member of the Environmental Engineering Intersociety Board, Inc., Committee on Engineering Education. He is also a Diplomate of the American Academy of Sanitary Engineers, a Registered Professional Engineer, and a member of the Society of Sigma Xi. He was a Technical Delegate to the 1958 and 1964 Conferences on Peaceful Uses of Atomic Energy in Geneva and has participated in technical exchanges with the U.S.S.R., Australia, Japan and Latin America.