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of the origin of the elements and which proved useful in the design of breeder reactors.

In 1949 Dr. Hughes joined Brookhaven, where he continued his research in neutron physics and where he organized a group which collected and published all available information on neutron interactions with matter. That compilation (issued in document form as BNL-325) has for some years been the standard reference handbook of neutron cross sections. The first published version of the document was one of the important books distributed at the Atoms for Peace Conference in Geneva in 1955.

Dr. Hughes was the author of many scientific papers, several textbooks, and a number of scientific works of a more popular nature, of which the latest was *The Neutron Story*, one of the first volumes to be published in the recently inaugurated Science Study Series. A Fulbright professor at Oxford in 1953-54, he served at various times as a lecturer to the US Information Service in Denmark, England, Finland, Germany, and Holland. Dr. Hughes showed also a deep interest in the broader implications of his science. He was one of the signers of the famous Franck report which hoped to prevent the use of the first atomic bomb and, in 1955-56, he served as president of the Federation of American Scientists. He was a fellow of the American Physical Society.

John M. Kuehne, emeritus professor of physics at the University of Texas, died on February 15 at the age of 87. A native Texan, Dr. Kuehne received his bachelor's and master's degrees from the University of Texas and left that institution only during the years 1906-10 to obtain his doctorate in physics from the University of Chicago. He then returned to Texas as an assistant professor and rose through the teaching ranks until in 1923 he was named professor of physics, a position which he held until his retirement in 1951. Prof. Kuehne was a member of the American Physical Society.

Harold R. Nelson, manager of the Department of Physics at the Battelle Memorial Institute in Columbus, Ohio, died on April 3 in the British West Indies as the result of injuries suffered in a swimming accident. He was 55 years of age. Born in Brattleboro, Vt., he did his undergraduate work at Amherst College and received his doctorate in physics in 1934 from Cornell University, where he had worked with Sir George Thomson on problems in electron diffraction. In the same year, he joined the staff at Battelle as a research physicist. After serving first as assistant supervisor and later as supervisor of the Physics Department, he was named manager in 1953.

A member of both the American Physical Society and the Acoustical Society of America, Dr. Nelson served the Atomic Energy Commission as a member of its Advisory Committee on Isotopes and Radiation and at the time of his death was the chairman of Ohio's Atomic Advisory Committee.