

DEDICATION



This special issue of *Nuclear Technology* on the major work reported during the American Nuclear Society (ANS) Second International Topical Meeting on the Safety and Technology of Nuclear Hydrogen Production, Control, and Management is prepared in honor of the many contributions of Professor Paul Kruger of Stanford University, who died in September 2010.

Dr. Kruger was the founding chairman of the ANS Nuclear Production of Hydrogen Working Group and the honorary chair to the first embedded ANS International Topical Meeting on Safety and Technology of Nuclear Hydrogen Production, Control, and Management in Boston, Massachusetts, in 2007. He was a true pioneer in the field of sustainable and clean energy, including nuclear and renewable energy sources, and the use of hydrogen as an energy carrier.

Dr. Kruger was the last surviving founder of the Stanford Geothermal Program, which was founded by Professor Kruger along with Lou London and Hank Ramey in the 1970s. In addition to founding the program, Professor Kruger was the architect of the annual Stanford Geothermal Workshop, which began in 1975 and continues to this day. He wrote two well-known books on geothermal and renewable energy: *Geothermal Energy; Resources, Production, Stimulation* in 1973 with Carel Otte and the seminal *Alternative Energy Resources: The Quest for Sustainable Energy* in 2006.

Professor Kruger served the nation in the U.S. Air Force, as well as by leading the geothermal division of the Energy Research and Development Administration (now U.S. Department of Energy), when it was first formed in the 1970s. With a BS from the Massachusetts Institute of Technology (1950) and PhD from The University of Chicago (1954), he worked in nuclear physics and chemistry before joining the Stanford University faculty in 1962. As Professor of Civil and Environmental Engineering at Stanford, he led a large number of students to the completion of their MS and PhD degrees. After becoming emeritus in 1987, Professor Kruger remained active in energy research, undertaking studies in both geothermal and hydrogen energy.

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