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**JERRY M. CUTTLER,**

**DSc, PEng**

Jerry M. Cuttler, Past President of the Canadian Nuclear Society, managed a radiation detector company. In 1974, he began a 26-year career in Atomic Energy of Canada Limited. He led the design and procurement of the nuclear instrumentation for 3 CANDU-6 NPPs, 4-reactor Pickering B and 4-reactor Bruce B. He was AECL Engineering Manager Bruce B, Resident Engineering Manager Romania, Engineering Manager of district heating reactor, Manager Services at Pickering, CANDU-9 Engineering Integration Manager. Retiring in 2000, he serves OPG, AECL and Bruce Power for reactor restart and life extension. His University of Toronto BASc & Eng degree is in Engineering Physics. His MSc and DSc from the Israel Institute of Technology are in Nuclear Engineering and Nuclear Sciences.

He is driven to resolve the radiophobia crisis. Working since 1995 with renowned scientists, he uncovered a dose threshold at 500 mSv for leukemia in the atomic bomb survivors. He discovered a treatment for Alzheimer and Parkinson diseases using CT scans of the brain. He analyzed dog studies and found a dose-rate threshold at 700 mGy/year for radiogenic lifespan reduction. He has many articles on low-dose beneficial effects in peer-reviewed journals.