

FREDERICK C. BOYD

Fred Boyd (1926-2020), [B.A.Sc](#) in Engineering Physics, 1949, was a Fellow of the Canadian Nuclear Society (CNS) and a Fellow of the Engineering Institute of Canada, and was recipient of the CNS Outstanding Contribution Award

Fred was a long standing member of CACOR. Fred served as a director on our CACOR Board and responsible for our CACOR newsletters during his time on the Board. As an expert in nuclear energy Fred provided CACOR with presentation in 2012 entitled *Is thorium an answer for nuclear power? Is nuclear power still relevant as an alternative to fossil fuels?*

He had a long and fruitful career in the nuclear energy area. This included working on the world's first Cobalt 60 radiation therapy machines and overseeing the installation of the first machine at London, ON, and subsequently in Italy, England and the USA; he helped in designing the first "Candu" type nuclear power plant; he was the first nuclear safety official with the Atomic Energy Control Board (AECB), now the Canadian Nuclear Safety Commission (CNSC); he co-authored the first Canadian reactor safety requirements; he took on the role of Nuclear Energy Advisor at the Department of Energy, Mines and Resources as well as a 9-month posting in Korea on behalf of the International Atomic Energy Agency (IAEA); he rejoined the AECB, heading a group providing training and advice to countries starting nuclear programs. Fred continued participation in the nuclear field after retirement : he undertook several advisory missions through the IAEA; and he took on the role of volunteer editor and publisher of the Bulletin of the Canadian Nuclear Society (CNS).

A celebration of Fred's life will be held at a later date.