

**McCULLOCH, Andrew Reginald (Andy) [UNTD CATARAQUI '48 U-48850] (1930 - 2015) Age: 85**



MCCULLOCH, Andrew Reginald (Andy) - P.Eng., B.Sc. 52 Peacefully at Trillium Ridge on Wednesday, February 4, 2015 in his 86th year. Beloved husband of Dorothy. Loving father of Stephen (Jean), Eve-Ann Reid (Brian). Devoted grandfather of Iain (Tess), Sean, Amanda (Martin), Adam (Tina) and great-grandfather of Ellie, Dani, Sebastien and Mira. Brother of Gwen (Joe), brother-in-law of Joan. Andy was predeceased by his 1st wife Thelma, son Paul and brothers Jim and Alec (Shirley). A funeral service will be in the chapel of JAMES REID FUNERAL HOME , 1900 John Counter Blvd. on Saturday, February 14, 2015 at 2 pm. The family will receive friends during a reception following the service. Interment of the ashes will take place at a later date in Sydenham Cemetery. As expressions of sympathy, memorial donations to Trinity United Church, Verona or the charity of your choice would be appreciated by the family. [www.thewhig.com](http://www.thewhig.com)

No mention of his Naval Service in that Obit, but mention is made in the Queen's Alumni Review of Feb, 2015, p31, 32, excerpted below;

"In 1952, Mr. McCulloch joined ALCAN's Research Laboratory, after graduating from Queen's University, in Kingston, Ontario Canada with a degree in electrical engineering. He retired from ALCAN in 1994 as Chief Engineer, a title he carried for 16 years. During his tenure he was ALCAN's authority on conductors and was involved in every aspect of conductor design, development, testing, certification and documentation.

During his 42 years with this aluminum industry giant, he oversaw studies involving conductor properties including electrical, mechanical, fabrication, corrosion, high temperature operation, ice melting, greasing and selection of fittings. He specialized in conductor sag and tension, elements that are pivotal in the successful introduction of any new conductor technology. Mr. McCulloch served on several standards committees including the Canadian Standards Association (CSA) for bare conductors and steering; the Institute of Electrical and Electronic Engineers (IEEE) for transmission, distribution, towers & poles, conductor motion, construction methods and ampacity calculations; the American Society for Testing and Materials (ASTM), American Society for Quality Control (ASQC) and many others. Since leaving ALCAN he has provided consulting services to the conductor industry on a number of projects, including the evaluation and assessment of coastal environment exposure issues in South America. He continues to attend seminars in order to remain updated on the state of the art in the conductor industry."

From an undated press release after his retirement;

"Andrew Reginald McCulloch, BSc'52, died Feb. 4. He is survived by his wife, Dorothy, Artsci'03, children Stephen and Eve-Ann, and extended family. Andy was able to attend Queen's under the University Naval Training Division (UNTD) program. In return, he worked summers and some weekends in the service. He became lieutenant-commander of H.M.C.S. Cataraqui. Andy worked for Alcan Aluminum Corp. in Kingston for more than 40 years. He established an international reputation as an expert in the field of aluminum electrical conductors. During the huge ice storm of 1998, when hydro towers and cables crumbled under the weight of the ice, the one cable that never came down was the one designed by

Andy McCulloch. Andy maintained his connections to Queen's and his classmates throughout his life. In 2013, he endowed two bursaries, one in his name for an upper-year student in electrical and computer engineering, the other in Dorothy's name, for an English student."

At the time of his passing, Andy was an active member of the UNTD Association of Canada.  
Bill C