

Outstanding Contribution Award – Dr. John Luxat



John Luxat has made significant contributions to safety analysis of CANDU reactors through his ability to specify and interpret R&D findings and apply them to analytical codes to develop safety cases.

John Luxat received his B.Sc. and M.Sc. in electrical engineering from the University of Cape Town, South Africa, and his Ph.D. in electrical engineering from the University of Windsor. He held a number of positions in consulting firms in Canada before joining Ontario Hydro in 1977. In 25 years at Ontario Hydro, Ontario Power Generation and Nuclear Safety Solutions, John has been a key contributor in the areas of spatial reactor kinetics, trip assessment, multiphase thermal hydraulics and interpreting R&D results to practical purposes through his understanding of nuclear science and engineering. He has initiated and conducted cooperative projects in nuclear safety and nuclear technology that have contributed to the successful licensing and safe operation of CANDU reactors in Canada.

John has also represented Ontario Hydro, OPG and Canada on international projects and in the activities of international organizations such as the IAEA. In the near future, Dr. Luxat will take up a new professorship at McMaster University.

PURPOSE OF THE AWARD:

To recognize each year Canadian-based individuals, organizations or parts of organizations that have made significant contributions in the nuclear field, either technical or non-technical. There are two categories of the award, one for individuals and another for organizations or parts of organizations.