

## Outstanding Contribution Award – Dr. Brien Stewart



Brien Stewart received a Ph.D. in chemical engineering at the University of British Columbia. He joined Ontario Hydro in 1971. Following his early career with OH's Central Nuclear Services, including an assignment at Chalk River in the development of heavy-water processes, Brien moved to Nuclear Systems, Design and Development and was a major player in the success of the Darlington Project from its early inception through to full operation. Brien's leadership was outstanding in resolving several major technical issues experienced during commissioning and early operation of the Darlington plant. One was the resolution of the licensing issues associated with the software for the two shutdown systems, which was essential to obtaining Darlington's operating license. Another was the resolution of the fuel-bundle fretting and end-plate cracking problems. Both of these were crucial issues in Darlington's early years, and Brien's team leadership in resolving these problems was vital in bringing the units to full-power operation.

Brien made a significant and lasting contribution to the overall staffing strategy within Ontario Hydro through his lead role in the Joint Redeployment Planning Team. Brien also made a very important contribution to the return of Pickering Unit 4 to service. As Director of Engineering, he led the implementation of many design upgrades and the fulfilment of many outstanding regulatory commitments.

### **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.