

## **Carlos Lorencez**

### **Short Bio**

Carlos has been the Director of the Nuclear Safety Division for OPG since 2012. Previously, he held a number of positions within OPG. Carlos started working for Ontario Hydro/OPG since 1997 in the Pickering B NGS Reactor Safety Department as a Nuclear Safety Analyst. Between 2003 and 2006 Carlos was the System Engineer for the Emergency Coolant Injection System (ECIS) and the Heat Transport System (HTS). In 2006, he accepted the position of Section Manager for the Nuclear Safety Projects Section, and in 2009, he became the Manager of the Pickering A NGS Reactor Safety Engineering Department, from where he had the opportunity to participate actively in the amalgamation of two sites, Pickering A and Pickering B, into Pickering NGS.

He graduated from the Instituto Politecnico Nacional with a B.Sc. on Physics and Mathematics (1981) and quickly followed it with a M.Sc. in Nuclear Engineering (1984). Upon graduation he worked as a Research Engineer in the Instituto de Investigaciones Electricas in Mexico, providing engineering services to the Laguna Verde NPP (GE BWR) in the area of transient analysis and probabilistic risk assessments. After five years of service, he was awarded a scholarship to pursue a Ph.D. Degree in Thermalhydraulics from the University of Toronto. He graduated in 1993 and after spending some time in AECL, he decided to join Ontario Hydro.