

March 2017

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37th Annual CNS Conference - Bio

Miguel has over 34 years of experience in the Nuclear Industry, and 25 years as a regulator.

Throughout his career he has contributed expertise for design and safety analysis of reactors, the development and improvement of the CNSC regulatory framework, the CNSC risk information framework and, since 2006 managed three of the most complex Regulatory Programs administered by the CNSC.

From 2006 to 2011, Miguel was the Executive Director of the Chalk River Laboratories Regulatory Program. In this period he was in charge of the regulatory oversight of the NRU return to service after the extensive repairs resulting in the 2009 medical isotopes shortage.

In 2011, was appointed Executive Director of the Pickering NGS Regulatory Program, where he led the licence renewal and authorization for the long term operation of the plant until 2020. In May 2016 he was appointed Executive Director of the Darlington NGS Regulatory Program, where he is leading the regulatory oversight of the plant operation and, in particular, the refurbishment project.

Miguel has represented Canada and the CNSC in the first conference on the Code of Conduct of Research Reactor, has participated on IAEA's Integrated Regulatory Review Service missions and contributed to the drafting of the OECD-NEA green booklet The Characteristics of an Effective Nuclear Regulator.

Miguel holds a Master Degree in Nuclear Engineering and he is a Certified Project Manager Professional