

*Nithy has M.Sc and Ph. D. Degrees in Mechanical Engineering from University of Manitoba, Winnipeg. He joined Atomic Energy of Canada Limited in 1993 as a Research Engineer and became a manager in 2007.*

*Nithy completed a set of molten-fuel moderator-interaction (Fuel-Coolant Interaction) experiments and successfully closed a Generic Action Item imposed on the nuclear industry by the Canadian Nuclear Safety Commission. He documented the experimental results, significance, and the history of CANDU fuel channel integrity in a State-of-the-Art Report for the nuclear industry. He led two teams of international and AECL experts on a Severe Accident Phenomena Identification and Ranking Table (PIRT) review for CANDU 6 and ACR 1000 reactors.*

*Nithy served as the Chair of Organisation for Economic Cooperation and Development (OECD)/Nuclear Energy Agency's (NEA) Working Group on Accident Management and Analysis (WGAMA) for six years. In this role he was responsible for Thermalhydraulics of the Reactor Coolant System, In-Vessel Behaviour of Degraded Cores, Containment Behaviour, and Fission Product Release, Transport, Deposition and Retention.*

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