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Marcos was born and educated in Venezuela as a mechanical engineer. He holds an M.S. and Ph.D. in Mechanical Engineering from the Massachusetts Institute of Technology and has been performing thermal-hydraulic safety analyses in support of NRC programs for the last 18 years. Marcos has authored 30 refereed publications, 2 NUREG/CR reports, and holds 10 patents. Before becoming an independent consultant, Marcos was a faculty member at MIT for six years teaching mechanical engineering courses and advising graduate and undergraduate students.