

Dr. Harold McFarlane
2005-2006 ANS Vicepresident/President Elect

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[Innsbrook Technical Center](#) - Richmond, VA

"The Greening of Nuclear Energy"

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Twenty years ago the world was reeling under the impact of the Chernobyl nuclear accident. Today it is not uncommon to see articles in the popular media proclaiming nuclear energy as a necessary complement to renewables if we are to act quickly enough to save the planet, while on the same day publications express international concern over nuclear proliferation in North Korea, Iran or elsewhere. Dr. McFarlane will discuss the international resurgence in nuclear and how the US nuclear industry is poised to rebound, the conditions that have led to this turn of events, and how nuclear must evolve if it is to live up to its promise.

Harold McFarlane, Deputy Associate Laboratory Director of Nuclear Programs, began working at INL in 1972. He has held the positions of associate, deputy or director of divisions named from various permutations of nuclear, applied, technology, engineering and physics. He also has served as the Argonne National Laboratory-West Site Manager, assistant laboratory director for environment, safety and health, and manager of the reactor physics integral data program. Prior to moving into management in 1990, Dr. McFarlane had attained Argonne National Laboratory's highest technical rank. In 1997, he received the Laboratory Director's Award, and in 2001 was awarded the University of Chicago Distinguished Performance Medal. Dr. McFarlane received his Ph.D. in engineering science in 1971 from the California Institute of Technology, which he attended on an Atomic Energy Commission fellowship. He was a Phi Beta Kappa at the University of Texas from which he graduated magna cum laude in physics in 1967. In 2000, he earned an M.B.A. with honors from the University of Chicago. Dr. McFarlane is the Vice President/President-elect and a Fellow of the American Nuclear Society.