

Dr Debu Majumdar has over 30 years of technical and managerial expertise in nuclear science and engineering. Currently a Senior Nuclear Advisor to the DOE Idaho Operations Office, he provides advice and analysis on crosscutting issues relating to nuclear engineering research and development in the U.S. He also provides technical advice on matters related to emerging and newly assigned national initiatives such as Generation IV reactor developments, the Advanced Fuel Cycle Initiative, and the Hydrogen Initiative. He is interested in nonproliferation and developments in Asia. From 1999 - 2002 Dr. Majumdar served as a cost-free expert at the International Atomic Energy Agency in Vienna, Austria. While at IAEA, he organized an international conference on small and medium sized reactors in Cairo, Egypt, and lectured at the International Center for Theoretical Physics in Trieste, Italy.

Dr Majumdar has a Ph.D. in Physics from SUNY at Stony Brook, an M.S. in nuclear engineering from the University of Michigan, Ann Arbor, and an M.S. in physics from the University of Pennsylvania. Before joining DOE, he worked as a nuclear engineer at Brookhaven National Laboratory from 1974 – 1980 and was a lecturer and research scientist at the University of Michigan.

He has published over 75 papers and reports, and edited three Proceedings of conferences; one published by IAEA on small and medium reactors and two others: Anticipated and Abnormal Plant Transients in LWRs and Artificial Intelligence and other Innovative Computer Applications in the Nuclear Industry – both published as hardbound books by Plenum Press.