

# Brian Dodd, PH.D.



## EDUCATION/QUALIFICATIONS

Ph.D., Reactor Physics, Queen Mary College, London University, 1973

B.Sc. (Eng), Nuclear Engineering, Queen Mary College, London University, 1969

## PRESENT POSITION

Consultant, BDConsulting, Las Vegas, NV

## PROFESSIONAL SUMMARY

Dr. Dodd is an internationally recognized expert in the field of health physics, reactor physics, radioactive material transportation, radioactive source security, and emergency management. Before moving to Nevada and becoming an independent consultant, he held leadership positions at the International Atomic Energy Agency and Oregon State University.

Dr. Dodd held an academic appointment at the Oregon State University (OSU) from 1978 to 2002, including an appointment as Professor of Nuclear Engineering and Radiation Health Physics from 1989 to 2002. He served for four years as Director of the OSU Radiation Center managing the nuclear and health physics teaching and research facility, which housed 90 researchers and staff, a 1.1 MW TRIGA reactor, and a  $^{60}\text{Co}$  irradiator.

From 1998 to 2002, Dr. Dodd took a leave of absence from OSU to serve as a research reactor specialist with the International Atomic Energy Agency (IAEA) where he was responsible for planning and implementing the IAEA's program on research reactor utilization. In 2002, Brian was appointed to head the IAEA's Radiation Source Safety and Security Unit. In this position, he was responsible for IAEA's programs on safety and security of radiation sources, including orphan source and radiological terrorism issues. Brian and his small staff were responsible for the development of all of the current international guidance on the subject including "The Code of Conduct on the Safety and Security of Radioactive Sources," "Categorization of Radioactive Sources," "Security of Radioactive Sources: Interim Guidance for Comment," and "Strengthening Control over Radioactive Sources in Authorized Use and Regaining Control over Orphan Sources: National Strategies."

Dr. Dodd assumed the Presidency of the Health Physics Society (HPS) in June 2006. Previously he served as Director and Treasurer of the HPS. He has also been affiliated with the American Nuclear Society, the Institution of Nuclear Engineers, and the British Radiation Protection Association. Brian is currently a member of the Environmental Protection Agency Scientific Advisory Board's Radiation Advisory Committee.

Dr. Dodd has been the editor, author, or responsible officer for over 15 IAEA/UN publications and over 100 technical articles in books, publications, and conference reports.