



## **Raymond H. Johnson, Jr; MS, PE, FHPS, CHP**

President & Director, *Radiation Safety Academy, Inc.* (301-990-6006)

- ❖ *B.S., Civil Engineering, (1961) University of Vermont*
- ❖ *M.S., Sanitary Engineering, (1963) Massachusetts Institute of Technology*
- ❖ *Professional Engineering Degree, (1963) MIT and Harvard University*
- ❖ *Ph.D. Studies, Radiochemistry (1966-1972) Rensselaer Polytechnic Institute*
- ❖ *Greater Washington Institute for Transactional Analysis (1977-1980)*
- ❖ *American Board of Health Physics Certification (1983- present))*
- ❖ *Johns Hopkins Fellow, Organizational Systems (1984-1985)*
- ❖ *Past President and Fellow of the Health Physics Society (2000)*
- ❖ *Commissioned Stephen Minister, United Methodist Church (2003)*

### **Experience**

- 1984-Pres. President and Director of Radiation Safety Academy, Inc. Providing x-ray and radiation safety training, audits, and consulting to nuclear industry, universities, research companies, and professional organizations. Specialist in helping people understand radiation, risk communication, and dealing with fears of radiation and nuclear terrorism for homeland security.
- 1988-2006 Manager and Contractor to National Institutes of Health (NIH) for radiation safety audits of 3,500 research laboratories and 2,500 instrument calibrations a year, along with environmental monitoring, hot lab and analytic lab operations, and cyclotron and x-ray inspections.
- 1990-2005 President of Key Technology, Inc. a manufacturer and primary laboratory for radon analysis with over 1,500,000 measurements since 1985. Primary instructor at Rutgers University 1990-1998 for radon, radiation risks, radiation instruments, and radon risk communication courses.
- 1986-1988 Laboratory Director, RSO, Inc. Directed analytical programs and QA for samples from N.I.H., Aberdeen Proving Ground, radiopharmaceutical companies, and the nuclear industry.
- 1970-1985 Chief, Radiation Surveillance Branch, EPA, Office of Radiation Programs. Directed studies of radiological quality of US, coordinated 7 Federal agencies for nuclear fallout events, QA officer 8 years. Head of US delegations to I.A.E.A and N.E.A. on radioactive waste disposal. ANSI N-13, (1975-1985). Retired PHS Commissioned Officer (0-6) in 1985 with 29 years of service.
- 1963-1970 U.S.P.H.S. Directed development of radiation monitoring techniques at DOE National Labs, nuclear plants, and shipyards in the US and Chalk River Nuclear Laboratory in Canada.

### **Health Physics and Professional Activities**

Health Physics Society (HPS) plenary member 1966; President-elect, President, Past President (1998-2001), Fellow (2000), Treasurer (1995-1998); Secretary (1992-1995); Executive Cmte. (1992-2001), Chair, Finance Cmte. (1996-1998); Head of U.S. delegation to IRPA X (2000). RSO Section Founder and Secretary/Treasurer (1997-2000); President, Radon Section (1995-1996). Co-Chair Local Arrangements Cmte. Annual Meeting in DC (1991); Public Info. Cmte. (1985-1988); PEP, CEL and AAHP instructor; Journal reviewer; Baltimore-Washington Chapter: President (1990-1991) and Honorary Life Member; Newsletter Editor (1983-2005); Public Info. Chair (1983-1991), Science Teacher Workshop Leader (1995 – Pres.). New England Chapter: Newsletter Editor, Board of Directors, Education Chair (1968-1972). President, American Association of Radon Scientists and Technologists (1995-1998) and Honorary Life Member, Charter Member; Board of Directors; Newsletter Editor (1990-1993). Founder and President, National Radon Safety Board (1997-1999). Member of Sigma Xi (1966-Pres.); ANS(1983-Pres.), Society for Risk Analysis (1984-Pres.); AIHA, CRPA, CRCPD (1997-Pres.), Studied H.P. communication styles and presented Myers-Briggs seminars to over 3500 H.P.s since 1984. Over 30 professional society awards. Registered Professional Engineer 1965.

### **Publications**

Authored over 500 books, articles, professional papers, and presentations on radiation safety. Author of monthly column, "Insights in Communication" HPS Newsletter 1984 - 1989 and 1994 -2001.