

**THOMAS E. MURLEY**  
**9106 McDonald Drive**  
**Bethesda, MD 20817**  
**Tel: (301)469-7573**  
**e-mail: [temurley@verizon.net](mailto:temurley@verizon.net)**

**EDUCATION**                    B.S. Engineering Mechanics (Highest Honors)  
University of Illinois, 1961

Sc.D., Nuclear Engineering  
Massachusetts Institute of Technology, 1965

**PROFESSIONAL EXPERIENCE**

**1994-Present**                    **Nuclear Safety and Management Consultant**

**1975-1994**                    **United States Nuclear Regulatory Commission**

Director of Nuclear Reactor Regulation, 1987-1994  
Responsible as the licensing and chief reactor safety official for safety oversight of all commercial nuclear power plants in the United States. In this position, Dr. Murley licensed fourteen nuclear plants.

Regional Administrator, Region I, 1983-1987  
Responsible for NRC programs for inspection and oversight of safe operations of 31 nuclear power plants in the northeastern United States.

Director, Regional Operations and Generic Requirements Staff, Office of Executive Director for Operations, 1981-1983

Director, Division of Safety Technology, 1980-1981  
Responsible for directing and administering NRC's programs on generic safety issues, evaluation of the adequacy of regulatory requirements and evaluation of risk assessments of nuclear plants.

Deputy Director and Director, Division of Reactor Safety Research, 1975-1980  
Responsible for planning and directing NRC's research program on the safety of nuclear reactors.

**1968-1975**                    **United States Atomic Energy Commission**

Assistant Project Manager, Clinch River Breeder Project, 1974-1975  
Responsible for project control activities and developing the safety and licensing approach for the Clinch River Breeder Reactor Project.

Technical Assistant to Commissioner W. O. Doub, 1972-1974

Senior Reactor Engineer, Core Design Branch, 1968-1972  
Responsible for technical management of several tasks in the fast breeder reactor development program.

**1966-1968**      **Westinghouse Electric Corporation** – Senior Scientist, Fast Reactor Design

**1965-1966**      **Karlsruhe Nuclear Research Center** – Germany, Post-doctoral research on fast reactor physics.

### **PROFESSIONAL ACTIVITIES**

Adjunct Associate Professor of Nuclear Engineering, Catholic University, 1969-1975  
Taught graduate courses in Nuclear Engineering and Safety. Supervised a Ph.D. thesis on void production in metals irradiated by fast neutrons.

Member and Past Chairman, Board of Directors, OECD Halden Reactor Project, 1979-1983

Member and Vice Chairman, Committee on Nuclear Regulatory Activities, OECD Nuclear Energy Agency, 1987-1994

Several Scientific Publications and Invited Papers at National and International Conferences

Board of Directors and Chairman of Nuclear Committee, Maine Yankee Atomic Power Company, 1996-2004

Nuclear Oversight Committees of three Nuclear Utility Boards

Member, INPO National Nuclear Training Accrediting Board, 2001-2007

Board of Directors, American Nuclear Society, 1995-1998

### **HONORS AND AWARDS**

Honor Societies:            Phi Eta Sigma, Tau Beta Pi,  
   Phi Kappa Phi, Pi Mu Epsilon

1979    Senior Executive Service Charter Member

1981    NRC Distinguished Service Award

1986    Presidential Rank Award of Distinguished Executive from President Reagan

1987    Fellow of American Nuclear Society

1990    Presidential Rank Award of Meritorious Executive from President Bush

1992    American Nuclear Society's Tommy Thompson Award for Nuclear Safety