

## BIOGRAPHY

### Harold Ray

#### ANS President 2002-2003

Harold Ray joined the American Nuclear Society nearly 30 years ago. He is a current member of the Decommissioning and Environmental Services and the Operations and Power Divisions.

He was recruited in 1970 by Southern California Edison (SCE) and later served as the Chief Nuclear Officer there until his 2006 retirement. In this role, he was responsible for all nuclear facilities and programs, including operation, maintenance and modification of San Onofre Nuclear Generating Station and for the management of SCE's ownership interest in Palo Verde Nuclear Generating Station. He was also responsible for all power generating facilities, including nuclear and related fuel supplies and the wholesale purchasing and sale of electrical power and services. Mr. Ray enjoyed a successful career at SCE that spanned more than 36 years, becoming the longest serving Chief Nuclear Officer in the industry.



Now retired from SCE, he provides input and guidance to the concerning generating plant and market development as an executive consultant with SCE.

In 2008, he began service as a member of the Advisory Committee on Reactor Safeguards (ACRS) with the U.S. NRC where he continues to serve today. As a member of the ACRS, he is chair to the AP1000 subcommittee which supported the current design certification and combined operating licenses approved to date.

Upon completing his undergraduate degree in engineering, Ray entered the U.S. Navy and served in the early stages of the Vietnam War. In 1964, he joined the Naval Reactors staff of Admiral Hyman Rickover and spent most of the following five years in the development of the new, two-reactor design for the Nimitz-class aircraft carrier. This included earning a reactor engineering certificate from the Bettis Reactor Engineering School. In 1969, he left Naval Reactors and began a graduate engineering program at California Institute of Technology supported by an Oak Ridge National Laboratory fellowship.

Harold Ray was ANS President from 2002-2003 and finally as SCE Executive Vice President responsible for all generation, transmission and wholesale power transactions. This last period included the restructuring of electricity markets in California in the late 1990's. He retired from SCE at the end of 2005 and began executive-level consulting for electric utilities.

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Ray earned his B.S. in Mechanical Engineering from the University of California, Los Angeles in 1963 and his M.S. from the California Institute of Technology in 1970. He also earned a M.S. in Management from Claremont Graduate School in 1983, and became the longest serving Chief Nuclear Officer in the industry.

Mr. Ray is a Registered Professional Engineer in California in mechanical and nuclear engineering, a member of the American Society of Mechanical Engineers, Sigma Xi, and served in industry leadership positions as part of the Nuclear Energy Institute (NEI) and at the Institute of Nuclear Power Operations.

Read *Nuclear News* from July 2002 for more on Harold